GREGORY PEDDLE

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OBJECTIVE
A leadership position in software engineering within an organization that seeks technology transformation and growth.

EXPERIENCE
I am an experienced leader with a proven track record of managing budgets, delivering applications and mentoring developers. Curiosity, Creativity, Persistence and Resilience are among my major traits.

Engineering Manager, Snagajob **May 2022 - present**
Responsible for leading Engineering teams for multiple products .
Worked closely with Product to organize and deliver updates and new features on short deadlines.
(C#/Typescript, AWS/Docker, MongoDB/ElasticSearch, JS/Angular, CI/CD)
Onboarding:
- Led effort to restructure onboarding workflow to provide flexibility and reconfiguration
- Supported Shifts product following reorganization

Shifts (hourly gig work platform:)
- Design/Architecture for upgrading backend API to C# vertical slices using DDD
- Cleanup backlog and set vision for future
- Reintroduced a culture of TDD to organization

Software Architect/Engineeering Manager, Gavel International **2017 - 2022**
Responsible for ongoing design/development/support of Meeting Planning/Event/Travel management system.
Worked closely with Clients and Staff to deliver highly customized versions of base products on short deadlines.
(C#/Python/Golang, AWS/Docker, RDS/SQL Server, JS/Angular, Linux/Windows)
- Design/Architecture for transforming to Event-based/Cloud Native
- Cloud Migration to AWS, eliminated on-prem server room
- Integration/data transformation pipelines from client systems

Software Architect/President, mettasoft LLC **2009 to 2017**
Led consulting group through numerous engagements. Business owner.
Responsible for all aspects of software design/construction/delivery, as well as training and leading teams of 3-8 developers.
- Meeting Planning/Event/Travel management system (Gavel International) (C#/.NET,SQL Server)
- Healthcare assessment/scheduling system (Indeed) (Python/Django/AngularJS/Linux)
- Municipal Permit tracking system (Digital Towpath) (Python/Django/AngularJS/Linux)
- Websheet toolset for data import/mapping (C#/.NET/WPF, proprietary)
- FormFlow toolset for rapid development of web/desktop enterprise software (C#/.NET/WPF, proprietary)
- AppSlide toolset for rapid development of AngularJS apps by office staff (C#/.NET/WPF, proprietary)

Software Architect/Vice President, North Coast Software **1995 to 2009**
Led consulting group through numerous engagements. Business partner. Responsible for P/L on projects.
Responsible for all aspects of software design/construction/delivery, as well as training and leading teams of 3-8 developers.
- Rule-based weld cost analysis system (R&D) (Prolog, VB)
- Knowledge-based office furniture specification tool (Steelcase/SAP) (C/C++/Lisp, AutoCAD, SAP)
- Nuclear control room simulator (Niagara Mohawk) (C/C++, UNIX)
- Knowledge-based lockout/tagout system (EPRI/Con Edison) (Prolog, C/C++, X11, AutoCAD)
- Documentation/training for various mail sorting systems (Bell+Howell/USPS, C/C++)

OTHER EXPERIENCE
Nuclear Instructor/Shift Supervisor, General Physics **1993 to 1995**
Series 7 Representative, Merrill Lynch **1991 to 1993**
US Navy Nuclear Operator, SECRET clearance, **1983 to 1991**

EDUCATION
Excelsior College - B.S. General/Economics 1993

SKILLS

C#/Python/Golang	HTTP/REST/gRPC	Domain Driven Design	Agile/Scrum
AWS/Docker	JS/Typescript/Angular	Event Sourcing	Training Development
Kubernetes	Linux/Mac/Windows	Code Generation	Classroom Instructor
Cloud Native	SQL Server/MySQL	Test Automation	Technical Writer

PROJECT SUMMARIES

Cloud Migration to Amazon AWS (Gavel International) (2021)
- Design and implement email/messaging layer to integrate with AWS WorkMail, replacing MS Exchange
- Migrate on-premises servers/services to AWS EC2, ECS and Lambda
- Migrate on-premises SQL Server database to AWS RDS
- Revise all deployment scripts to use AWS resources
- Challenges: Project impacted full business and required coordinated deployment

Data Pipeline/Integration with Client systems (Gavel International) (2017 to present)
- Design and implement flexible system for receiving and transforming data from client registration systems
- Implement pluggable functional C# scripting to convert data at field/record level
- Challenges: Multiple client data models, evolving requirements

Meeting Planning Event/Travel Management system (Gavel International) (2010 to present)
- Design and construct a multi-platform enterprise system for managing event registrations
- Integrate with outside systems for email, flight booking, credit card payments
- Provided a completely open platform for creating new services
- Reduced office staff headcount by 70% over 10 years due to productivity enhancements
- Replaced legacy system (see below) ported 6 years earlier
- Challenges: Project impacted the full business and was analyzed in detail for impact, timeline was tight to replace original system to deliver features in time for seasonal 'crunch'
- C#/.NET/WPF/Python/Django/AngularJs, FormFlow, AppSlide proprietary

Healthcare assessment/scheduling system (Indeed) (2016)
- Design and construct a web-based system for scheduling Health/Wellness assessment events.
- Client is a provider of testing services that needs to build up appointments on the day of the event and then perform assessment on employees who attend the event.
- Onsite data collection via handheld/tablets.
- Full set of reporting features for attendance/scheduling.
- Data secured in a HIPAA compliant server environment.
- Migrated data from legacy PHP system.
- Challenges: Client changing scope and goals mid stream.
- Python/Django/AngularJs, proprietary code generation system.

AppSlide toolset for rapid development of AngularJS apps by office staff (proprietary) (2016 to present)
- Design and construct tools for creating/managing AngularJS web applications.
- Drag & drop UI allows office staff to build apps.
- Data-bound slides allow creation of very specific user details.
- Customizable at all levels via Local script/resource override of Global assets.
- C#/.NET/WPF/AngularJS

FormFlow toolset for rapid development of web/desktop enterprise software (proprietary) (2010 to present)
- Design and construct tools website / 'smart form' creation.
- Drag & Drop UI allows office staff to manage websites.
- Visual Query system that allows office users to search databases without knowing SQL.
- Customizable at all levels via Local script/resource override of Global assets.
- C#/.NET/WPF

Websheet toolset for data import/mapping (proprietary) (2010 to present)
- Design and construct tools for importing spreadsheet data.
- UI allows office staff to create and upload spreadsheet data that conforms to mapping
- C#/.NET/WPF

Meeting Management system conversion (Gavel International) (2005)
- Analyze and design a conversion process to migrate a legacy 4GL application to .NET/SQL Server
- Let team to implement and convert forms and data model
- Challenges: Project required replicating existing system without changing UI or functionality
- Perl/C#/.NET/WinForms/SQL Server

Rule-based weld cost analysis system (R&D) (2004)
- Consulted on conversion of an existing Excel-based tool.
- System adopted by client in UK for enterprise usage.
- Prolog, VB

Knowledge-based office furniture specification tool (Steelcase/SAP) (1997 to 2000)
- Created a 'smart drawings' system for accurately specifying the full list of parts for a given floor plan design.
- Led team that integrated components from multiple vendors.
- C/C++/Lisp, AutoCAD, SAP Configurator

Nuclear control room simulator (Niagara Mohawk) (1995 to 1997)
- Team converted a 'public domain' codebase for use in a commercial nuclear training environment.
- Developed a new model for containment building atmosphere. (still in use today).
- Responsible for integration, testing and UI dev.
- C/C++, FORTRAN

Knowledge-based lockout/tagout system (EPRI/Con Edison) (1993 to 1995)
- Team rescued a project that had failed, developed and delivered the solution on time.
- Integrated IntelliCorp 'Kappa' tools with AutoCAD drawings of nuclear plant systems.
- NRC rules used to find operating restrictions based on equipment placed out of service during maintenance.
- Prolog, C/C++, X11, AutoCAD

Documentation/training for various mail sorting systems (Bell+Howell/USPS) (1996 to 2003)
- Led several teams that documented source code to USPS standards.
- Responsible for specification/standards/tooling used by teams.
- Developed training materials and delivered classroom training on different systems.
- Linux/Perl/Lisp/workflow automation.