JAY E. BABEL

8112 Hadfield Drive

Johnston, IA 50131

515.238.1357

jaybabel@gmail.com

https://github.com/jaybabel

https://jaybabel.github.io

PROFESSIONAL EXPERIENCE

John Deere, Urbandale, IA   July 2013 – April 2022

Software Engineering Immersive (August 2021 to November 2021)
Training and projects in HTML, CSS, JavaScript, Postgres, React, GitHub, Python, and other software development tools.

Operations Engineer/Infrastructure Analyst (July 2013 to July 2021)
System support of core business servers and applications for ISG-Torrance (ISGT). Operational support for Amazon Web Services and Deere on-premises infrastructure.
- Project manager for rewrite of ISGT GPS receiver product configuration system and Satellite Predictor applications to Java-based systems.
- Primary support for MS SQL-based MS Dynamics GP and Azure DevOps Server systems.
- Managed implementation of SOAP API and Oauth for Java-based product configuration system.

Continuity Tech LLC, Johnston, IA   April 2008 - July 2013

Self-employed Consultant
Business Continuity/Disaster Recovery planning and services. Responsible for all aspects of business including proposal writing, statements of work, contract negotiations, customer acceptance documents, and invoicing. Specialized in customization of planning software using MS-SQL and Crystal Reports.

Software Engineering Services, West Des Moines, IA   October 2004 – April 2008

Senior Information Assurance Analyst
Created continuity plans for Iowa Department of Human Services. Customized MS SQL-based planning software and Crystal Reports to accommodate Continuity of Operations (COOP) plans for Iowa executive branch agencies. Led training and conferences.

Agricredit Acceptance Company, Urbandale, IA   October 1998 - July 2004

IT Services Manager
Managed a staff of seven supporting both voice and data networks, IT operations, telecom, and service desk. Led implementation of HP-UX and Linux-based systems.

Nortel, Des Moines, IA   July 1981 – September 1998

Senior Customer Service Engineer
Installation, maintenance, and administration of Directory Assistance mini-computers and Unix-based computer systems for US West Communications.

MILITARY

United States Air Force   **July 1977 – June 1981**
Computer Maintenance Technician

EDUCATION

M.B.A., University of Iowa, Des Moines, Iowa, May 2017

B.A., Computer Science, Simpson College, Indianola, Iowa, May 1995

Associate of Business, Business Administration, AIB, Des Moines, Iowa, November 1986

CERTIFICATES

Get Up and Running with TypeScript – Coursera, March 2022
C++ Basics: Selection and Iteration – Coursera, January 2022
Introduction to Object-Oriented Programming with Java – Coursera, January 2022
Jenkins: Automating your delivery pipeline – Coursera, January 2022
Introduction to Java – Coursera, December 2021
Software Engineering Immersive – General Assembly, November 2021
Introduction to JavaScript – Coursera, July 2021
Introduction to Git and GitHub – Coursera, July 2021
Database Design and Basic SQL in PostgreSQL – Coursera, June 2021
Capstone: Retrieving, Processing, and Visualizing Data with Python – Coursera, June 2021
Python Data Structures, University of Michigan – Coursera, June 2021
Getting Started with Python, University of Michigan – Coursera, June 2021
AWS Cloud Technical Essentials, AWS – Coursera, May 2021
Scrum Master, ScrumInc, February 2021

TECHNOLOGIES

Infrastructure: Amazon Web Services, Linux, MS Windows Server, Unix

Software: Mac OS, MS Dynamics GP, MS Azure DevOps Server, MS SharePoint, MS SQL
                    Server, MS Office, DeployIT, Node.js, Postgres, Git/GitHub, VS Code

Programming: C, CSS, HTML, Java, JavaScript, React, Unix/Linux shell script, Python, SQL, VBA