

# JAY E. BABEL

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## PROFESSIONAL EXPERIENCE

### **John Deere, Urbandale, IA**

**July 2013 - Present**

*Software Engineering Immersive (August 2021 to November 2021)*

Training and projects in HTML, CSS, JavaScript, Postgres, React, GitHub, Python, and other software development tools.

*Infrastructure Analyst (June 2019 to July 2021)*

In addition to ISGT responsibilities, assist IT Integrators at Waterloo Works with IT asset management, contractor access control, vulnerability remediation, AD group management, and a variety of other IT projects.

*Operations Engineer (October 2016 to June 2019)*

In addition to ISGT responsibilities, provided operational support for Amazon Web Services and Deere on-premises infrastructure.

*IT Application Operations Analyst (July 2013 to October 2016)*

System support of core business servers and applications for ISG-Torrance (ISGT).

- 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.
- Technical support for numerous development tools required by ISGT software engineers.

### **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**

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, Node.js, Postgres, Git/GitHub, VS Code

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