Kurt Postlmayr

⚲ Orlando, Florida, United States ✉ kurtpostlmayr@proton.me ☐ (336) 549-6084 in

SUMMARY

Versatile Software Developer with a strong collaborative spirit and a proven track record of supporting team members. With 3 years of professional experience at Capco and its parent company Wipro, I have specialized in Java API development. Eager to leverage my skills and transition into new areas of interest, particularly computer graphics, web development, and Machine Learning/AI, inspired by my academic coursework.

EXPERIENCE

Software Engineer

Capco Consulting   **May 2023 – Present, Orlando, FL**

· Led the end-to-end development process of APIs, ensuring seamless integration and optimal performance.
· Acquired the role of Tech Lead, establishing and managing a dedicated team for RESTful API development.
· Demonstrated expertise in Java programming, structuring full request and response functionalities in distinct, well-structured classes.
· Designed and implemented RESTful APIs for banking software, enhancing communication and system efficiency.
· Developed business logic for money handling and consumer balances, ensuring robust financial operations.
· Utilized Git for version control and Azure DevOps for efficient code deployment.
· Authored comprehensive YAML documentation for APIs prior to development, facilitating clear communication and effective project planning, including resource gathering, development, and testing (end-to-end, unit, integration, performance).

Web Developer & Unity

UCF Senior Project   **August 2022 – May 2023, Orlando, FL**

· Co-led the development of a dynamic React-based social media site, enhancing user engagement through intuitive animations and seamless content management.
· Designed and implemented lively animations to enrich the user experience and bring vitality to web pages.
· Leveraged AI technology for the generation of unique background images, enhancing visual appeal and user interaction.
· Integrated with shared MongoDB collections via a GraphQL API to ensure efficient data retrieval and management.
· Developed user-friendly GUI and navigation tools, alongside minor object manipulation features, for a Unity application.

Software Engineer

Wipro   **January 2019 – August 2020, Greensboro, NC**

· Lead production support engineer for Distributed Order Management application for VF Corporation.
· Diagnosed issues and wrote SQL queries against DB2 tables to resolve production issues.
· Wrote complex Stored Procedures to help the BI team and the business with operational issues at the Distribution Center.
· Modified XSDs to support changes in integration XML documents.
· Decompiled vendor code to Java to give insight to the application.
· Mentored new members of the team.

Volunteer Coding

Volunteer   **January 2016 – December 2019**

· Helped with tutoring students attending Maryland University and New Jersey community colleges with Java and Python assignments.
· Using JavaScript, recovered BIP-39 mnemonic for a crypto wallet containing Ethereum.

EDUCATION

Bachelor of Science in Computer Science

University of Central Florida · Orlando, FL · 2023 · 3.9

· Data Structures and Algorithms I in C; Data Structures and Algorithms II in Java; Artificial Intelligence;
· Calculus 1, 2, 3; Matrix & Linear Algebra; Database Management Systems; Computer Graphics; Web Design; Virtual Reality (Unity);

SKILLS

Programming Languages: Java, C/C++, C#, Python, SQL, HTML, CSS, JavaScript, regex

Frameworks and Libraries: Spring Boot, React, Bootstrap, MUI, TensorFlow, NumPy, Pandas, Three.js, twgl, Node.js

Development Tools: Unity, WebGL, Android SDK, RESTful APIs, Jest, JUnit, Jenkins, Docker, Heroku, Git, Splunk

Platforms and Technologies: Azure, MongoDB, GraphQL, Machine Learning, GUI Design, End-to-End Delivery, Linux, Unix, Windows, Mac OS

Roles and Competencies: Technical Lead, Adaptability