Ketaki Kulkarni

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EDUCATION

Northeastern University, Boston, MA, USA   **September 2023 – March 2025**
Master of Science in Informatics (Cloud Computing)
Related Courses: Cloud Analytics, Enterprise Information Architecture, Network Protection and Cloud Security, Advanced Cloud Computing Applications and Management, DevOps

Pune University, Pune, MH, India   **June 2016 – April 2021**
Bachelor of Engineering in Computer Science
Related Courses: Data structures and Algorithms, Object oriented Programming, Database Management system, Computer Networks, Computer Architecture, Software Development Life Cycle (SDLC), Operating systems

TECHNICAL SKILLS

Programming Languages: C#, C++, JavaScript, Java, Python, HTML, CSS
Tools and Technologies: REST APIs, Pandas, NumPy, React.js, Angular, Node.js, .NET, ASP.Net, JSON, PowerBI
Database Management: MySQL, MS-SQL, PostgreSQL, SQL Server
Cloud and DevOps: AWS, Azure, Google Cloud, Docker, CI/CD Pipelines
SDLC Practices: Agile, Scrum, Test-Driven Development, Code Reviews, Git

PROFESSIONAL EXPERIENCE

Boeing – Full Stack Developer   **October 2021 – July 2023**
- Developed a Bluetooth-enabled full-stack aircraft measurement tool, for both Android and Web platforms reducing manual input time by 50% and increasing measurement accuracy, using JavaScript, XML, and React.js for frontend and .NET with C# for backend.
- Designed and documented RESTful APIs with C#, ASP.NET Web API, and Swagger.
- Dockerized and deployed the app to AWS ECS using Infrastructure as Code and automated CI/CD pipelines with Git, improving scalability and deployment speed.
- Worked closely with cross-functional global teams, aligning product development with business needs.
- Developed reusable unit and integration test cases, increasing test coverage from 48% to 63% and reducing bugs by 75%.

Sarvadaksha – Web Developer Intern   **June 2020 – September 2020**
- Built a responsive e-commerce web application using Angular, Bootstrap, and JavaScript, ensuring a smooth and user-friendly shopping experience across all devices.
- Implemented Stripe API for secure payments, reducing checkout time by 30% and decreasing cart abandonment by 15%.
- Developed and connected RESTful APIs to display dynamic content, improving product search and filtering for a more personalized user experience.

ACADEMIC PROJECTS

DOOIT! - Career Prediction System   **January 2025 – April 2025**
- Developed an AI-Driven Career Prediction System with dual Employee and HR views, integrating advanced career mapping, skill-based analytics, and personalized growth insights.
- Led Front-End Development using Figma-to-code implementation and created an interactive, intuitive UI for exploring career opportunities, aligning designs through Agile methodologies and iterative feedback loops.
- Implemented Data-Driven Features including AI-based career mapping, real-time HR dashboards, and cloud integration with AWS to enhance scalability, security, and system performance.

HUSKYCARD – An Ios Application to add student Id to Apple Wallet   **January 2024 – March 2024**
- Developed an iOS application for adding student ID cards to Apple Wallet, enabling seamless digital access and payments.
- Built a cloud-based backend using AWS, integrating secure authentication, database management, and real-time card updates.
- Implemented NFC-based access control for secure entry to campus facilities using Apple Wallet integration.