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Education

Arizona State University, Tempe   **GPA: 4.0/4.0**
Masters of Science (Computer Science)   *Aug. 2025 - Present*

COEP Technological University, Pune   **GPA: 3.87/4.0**
Bachelors of Technology in Computer Science (Dean's Merit List)   *Jun. 2019 - May 2023*

Work Experience

Software Engineer | Assistant Vice President | Wells Fargo   **Jun 2023 - August 2025**
- Transitioned legacy apps to an Event-Driven Microservices setup with Apigee and Harness for improved scalability and integration.Developed high-performance Java microservices, banking trade processing, boosting speed by 10x.
- Maintaing and enhancing microservices for precise data retrieval with fault tolerance and dynamic load balancing.Enhanced trade execution with custom APIs and supported concurrent transactions and real-time AMTM (Account Management Trade Management) in the portal backend.

Software Engineer | Program Associate | Wells Fargo   **Jan 2023 - May 2023**
- Led the migration of a legacy application from on-premises physical servers to a cloud-native architecture, utilising Spring Boot for the backend and React for the frontend.
- This initiative included adding new features, improving user experience. Additionally, spearheaded the adoption of a micro frontend architecture, enhancing modularity and enabling independent development and deployment of Ul components for increased agility and scalability.

Software Development Intern | Barclays | Pune   **May 2022 - July 2022**
- Engineered a Spring Boot microservice integrated with Apache Kafka and Ignite, optimizing global trade processes by populating trades into the tradestore. Collaborated closely with analysts and developers, balancing usability and performance trade-offs to refine the service architecture and approach.
- Led the full lifecycle setup, including drafting technical specification documentation, creating test modules, conducting quality analysis, and performing system testing. Applied best practices in back-end development, version control, and scalable system design to ensure reliable, high-performance trade execution.

Projects

Price Tracer | Full Stack development | *Spring Boot, Java, React, HTML, CSS, JavaScript* ⬏   **Aug 2022 - Nov 2022**
- Price Tracer is a web application built using MERN stack with integrated mail service.
- It is used to monitor product prices and keep recommending alternatives similar products from other e-commerce platforms

HTTP Web Server | System Development | *Python, JavaScript, HTML. CSS* ⬏   **Jan 2021 - Mar 2021**
- HTTP Server is an HTTP/1.1 compliant web server. Implemented Protocol based on RFC 2616 and incorporates the basic HTTP methods of GET , POST , PUT , DELETE and HEAD

Multithreading Library | Operating Systems | *Python, OS, Threads, Systems* ⬏   **Oct 2020**
- Designed and implemented support for user-level threads using **One-One, Many-One**, and **Many-Many** mapping models, enabling flexible and efficient thread management. Integrated kernel threads with user threads, similar to **pthreads**.

Technical Skills

Languages: SQL, Python, Java, C, C++
Tools: Git/GitHub, Unix Shell, Node.js, Webpack, VS Code, IntelliJ IDEA, JIRA, Agile Methodologies, LaTeX
Frameworks: Spring Boot, React, Flask, JUnit, Material-UI, RestAPI
Domain: Databases, Operating Systems, OOP, DSA, Computer Networking, Data Science

Certification

Goldman Sachs - FintTech Engineering Program ⬏   Goldman Sachs
Machine Learning ⬏   Standford University
Problem Solving & Python Programming ⬏   Hackerrank