

## NIMITHA J

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### OBJECTIVE

To leverage my strong technical expertise in software development, distributed systems, and cloud computing to contribute to innovative and scalable solutions while advancing my skills in system design and architecture, with a long-term vision of driving impactful technological advancements in the industry.

### EDUCATION

**Bachelor of Technology in Computer Science**

**Aug 2018 – June 2022**

**Bangalore University**, University Visvesvaraya College of Engineering

**CGPA: 9.19/10**

### SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript
- **Tools & Technologies:** Git, Docker, Kubernetes, AWS, SQL, NoSQL
- **Frameworks:** React, Node.js, Spring Boot, Django
- **Specialized Skills:** Distributed Systems, Cloud Computing, Database Management, Big Data.

### PROFESSIONAL EXPERIENCE

**Software Development Engineer - II** [JP Morgan Chase and Co, Bangalore]

**Feb 2025 - Present**

*Part of the Core Platform Team in Global Investment Banking, enhancing platform capabilities across DCM, ECM, and M&A.*

- Top performer of the team with “SSS” ratings in both the years.
- Integrating LLM Suite capabilities into Markets Monitor (DCM application) and M&A workflows by effectively training and fine-tuning models for improved performance.

**Software Development Engineer - I** [JP Morgan Chase and Co, Bangalore]

**March 2022 - Jan 2025**

*Member of the Core Platform Team in Capital Connect, dedicated to enhancing platform capabilities for streamlined capital-raising by companies from investors and compliance.*

- Optimized chatbot response time, reducing it by 90% from 10 seconds to less than 1 second, and addressed session token security vulnerabilities, improving user satisfaction.
- Developed and maintained DynamoDB DataSync, ensuring seamless data consistency between on-premises and AWS databases to support the platform’s cloud migration and enhance scalability.
- Implemented a compliant file archiving solution aligned with SEC 17 regulations, ensuring robust data retention and meeting industry compliance standards across the platform.
- Built Multipart Upload capability, allowing clients to upload large files (10MB to several GBs) efficiently, significantly improving client usability for deal-related document submissions.

**Software Development Engineer - I** [Amazon, Bangalore]

**Aug 2022 - March 2023**

*Member of the Billing and Payments team for the Amazon Supply Chain portal, responsible for developing features that ensure a seamless billing experience for fulfillment center merchants.*

- Developed and optimized APIs to retrieve and display millions of transactions from DynamoDB, improving transaction visibility for merchants on the Supply Chain portal.
- Resolved critical security vulnerabilities flagged by Amazon’s vulnerability detection tools, ensuring compliance and protecting sensitive merchant data.

**Associate Developer** [SAP Labs, Bangalore]

**July 2022 - Aug 2022**

*Part of the SAP Analytics Cloud Integration team, responsible for maintaining and enhancing SAP Analytics Cloud features used by client companies for BI dashboards.*

- Delivered a customer requested feature for Read Access Logging in under two months to meet compliance standards.

### INTERNSHIPS

**Software development Intern** [SAP Labs, Bangalore]

**Jan 2022 - June 2022**

*Contributed to the SAP Analytics Cloud Integration team, focusing on maintaining and improving features in SAP Analytics Cloud to support client companies’ business intelligence dashboards.*

- Resolved a critical production incident within 2 days, ensuring uninterrupted service and client satisfaction.
- Earned an honorable mention in Q2 2022 for developing a Performance Analyzer tool to analyze HAR file API calls, delivering actionable insights to improve system efficiency.

## Fullstack development Intern [Fidelity Investments, Remote]

June 2021 - Aug 2021

As part of the Master Data Management tool project, responsible for the maintenance and implementation of an internal tool designed to efficiently manage organizational data.

- Migrated two Oracle APEX screens to Angular within 45 days, developing Angular interfaces and implementing Spring Boot APIs to connect to the Oracle database and provide responses to the UI.
- Monitored the deployment of the application across all environments, including SIT, DIT, UAT, and Production, ensuring smooth transitions and functionality in each phase.

## PROJECTS

### Preserve while sharing [UVCE]

June 2021 - June 2022

- Implemented two optimal algorithms to balance self-disclosure utility and data privacy in online social networks.
- Achieved notable data security improvements, reducing the accuracy, recall, and F-score of inference attacks from 98% to 45%, 85% to 38%, and 65% to 35%, respectively.
- **GitHub Link:** <https://github.com/Nimitha-jagadeesha/Preserve-while-Sharing>
- **Technologies Used:** Python, Pandas, Matplotlib, NumPy, Scikit-learn, Anaconda.

### Epsilon [IEEE UVCE]

May 2021 - June 2021

- Designed and developed a dynamic website for the college's online treasure hunt during UVCE's annual tech fest, Impetus.
- Features included random question order, conditional progression, and a real-time scoreboard ranking participants by submission time, while efficiently handling high concurrency. Included an admin panel for dynamic question addition.
- **GitHub Link:** <https://github.com/Nimitha-jagadeesha/Epsilon-21.0>
- **Technologies Used:** Django, HTML, CSS, Postgres.

### Impetus [IEEE UVCE]

May 2021 - June 2021

- Developed a comprehensive website for the college's annual tech fest, enabling participants to access event information, register, and purchase tickets with payment integration.
- **GitHub Link:** <https://github.com/Nimitha-jagadeesha/Impetus>
- **Technologies Used:** Node.js, MongoDB, HTML, CSS.

### UVCE Samparka [UVCE]

Oct 2020 - Dec 2020

- Created and launched an Android app for UVCE alumni, published on the Google Play Store.
- The app provides alumni with club information and push notifications, enhancing engagement and supporting university contributions.
- **Technologies Used:** Java, XML, Android Studio.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner Issued by AWS Training and Certification on September 22, 2024
- Front-End Web Development with React Issued by The Hong Kong University of Science and Technology on July 3, 2020
- Multiplatform Mobile App Development with React Native Issued by The Hong Kong University of Science and Technology on July 9, 2020
- Android Application Development issued by ProgramMe Programming on May 2, 2020.

## ACTIVITIES AND ACHIEVEMENTS

- Contributed to open-source documentation for Python FastAPI, enhancing community resources.
- Active member of Women on the Move, a Business Resource Group (BRG) at JP Morgan Chase & Co., promoting diversity and inclusion within the workplace.
- Winner of the AWS Game Day competition organized by the AWS team at JP Morgan Chase & Co.
- Vice-Chairperson of the IEEE UVCE Computer Society (2021-2022), where I organized Codefury, a national-level hackathon at UVCE.
- Conducted workshops on web development, including Django and React Native, as a speaker for an audience of approximately 100 students.
- Mentored juniors for a semester in C++ as part of the IEEE UVCE Mentorship Program, fostering their coding skills and project development.
- Contributed to the development of UVCE Connect (the official UVCE app) and UVCE Samparka (an alumni networking app), enhancing connectivity within the UVCE community.
- Served as a problem setter for NCode, the monthly competitive coding contest at UVCE, during the 2020-2021 academic year.
- Achieved a global ranking of 578 and an Indian ranking of 72 in IEEEEXTREME (coding contest), with a 7th place ranking in the Bangalore section