

Upasana Chakraborty

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Profile

A results-driven Software Engineer with a proven track record of excellence in Java development and implementing AI and prompt engineering in to reduce efforts and resources significantly. Possessing strong analytical skills and a collaborative mindset, I excel in delivering high- quality software solutions while effectively communicating with cross-functional teams to drive project success.

Seeking opportunities to leverage my expertise in Java development and cloud technologies to contribute to innovative projects and drive business growth.

Education

- Currently pursuing Master of Science in Computer Science, New York University | 2025- PRESENT
- Computer Science and Engineering, B. Tech, SRM Institute of Science & Technology (DEEMED University), Chennai | 2017 – 2021 | CGPA: 9.32
- High School Graduation, Calcutta Girls' High School, Kolkata | 2017 | PERCENTAGE: 90%

Experience

SOFTWARE DEVELOPER | AMDOCS, INDIA | JUNE 2023- JULY 2025

- Played a key role in cloud migration project of on-premises applications to Microsoft Azure cloud services, involving code rewriting and conversion of CORBA services to REST APIs.
- Collaborated with cross-functional teams to design and implement scalable and secure solutions, ensuring seamless integration with Azure cloud services.
- Actively involved in converting legacy technologies by utilizing generative AI for code translation, converting CFM code to Java and Angular, thereby modernizing the software stack and improving maintainability.
- Conducted thorough testing and debugging to ensure the reliability and performance of the migrated applications, meeting project deadlines and exceeding client expectations.
- Also contributed in analysis and estimation of project development and planning.
- Significantly reduced efforts and resources and optimized the development process using Gen AI and prompt engineering.

SOFTWARE ENGINEERING ASSOCIATE | AMDOCS, INDIA | JUNE 2021 – JUNE 2023

- Contributed to the WebRope-Tool Migration Project, actively participating in the implementation of software modifications and enhancements in Java using Spring Boot and Angular 11 frameworks, in alignment with precise design specifications.
- Demonstrated proficiency in Java by utilizing the complex Criteria API to construct dynamic queries for search operations and pagination, contributing significantly to the enhancement of the X-Tool.
- Provided valuable support throughout the deployment, production, and maintenance phases, collaborating closely with developers and Quality Assurance teams to ensure the timely and successful delivery of projects.

INTERN | ARDENT INFOTECH PVT. LTD. | JUNE 2019 – JULY 2019

- Developed and implemented a project focused on PHP and HTML web development, showcasing proficiency in both languages.
- Provided dedicated and supportive assistance as an Intern within a dynamic and fast-paced environment, contributing positively to team objectives.

Skills

Core Java, Angular, JSP, Springboot, SQL, Oracle DB, Microsoft Azure, JavaScript, PHP, C++, Python, HTML, CSS, Git, GitHub, GenAI tools, Prompt Engineering

Certifications

- AZ-204, Microsoft Certified: Azure Developer Associate
- AZ-900, Microsoft Certified: Azure Fundamental

Publication

Spectrum Sensing and Radio Resource Allocation in Cognitive Radio Network System

Published in Ambient Communications and Computer System, Springer.

ISBN: 978-981-16-7952-0

https://link.springer.com/chapter/10.1007/978-981-16-7952-0_20

Extra-Curricular Activities

- Organized team events and fun activity being a part of Employee Engagement team.
- Teaching underprivileged children basic computer education as part of CSR activity.
- Hosted many office events.

References

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