

ANSHU GUPTA

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Education

Completion	Degree/Certificate	Institute	GPA/%
2022	B.Tech, Computer Engineering	Army Institute of Technology, Pune	9.77/10

Experience

Deutsche Bank | Associate | Innovator of the Quarter Award July 2022 – Present
Project: Deutsche Wealth Online-2.0 - (Mobile and Web) Pune, India

- Architected a **Micro Frontend (MFE) framework with Webpack Module Federation**, reducing **bundle size by 40%** **load time by 25%** and **development time by 20%** enabling modular and independent deployments.
- Built **real-time trading with WebSockets** and developed key screens (Login, Market, Orders, Holdings, User Touring) with multilingual (CN, CNS, APAC, EMEA) & dynamic theming support for global accessibility.
- Technologies used:** HTML, CSS, React, Javascript, React Native, Springboot, SQL, Teamcity.

Amazon | Software Developer Intern Mar 2022 – July 2022
Project: Report a Bug and Request a Feature on the Passport. Hyderabad, India

- Automated bug reporting & feature requests** in Amazon Passport UI, integrating ReactTS, AWS, and Maxis APIs, **eliminating manual reporting (100%)** and **reducing issue resolution time by 40%**.
- Optimized system architecture, **reducing downstream API calls by 30%**, implementing reusable ReactTS components (**Open-Closed Principle**), and writing 100+ unit tests, improving **test coverage by 99%**.
- Technologies used:** React, Typescript, AWS, Docker, Springboot.

Bank of New York Mellon | Software Developer Intern Jan 2022 – Feb 2022
Project: Move Investment Operations Control Center screens to Monet Core. Pune, India

- Transformed Investment Operations Control Center (IOCC) application screens using Monet Core, a modular frontend solution. Using Angular and **Micro Frontends** architecture, I developed independent, deployable modules. This approach enhanced scalability, maintainability, and alignment with backend **microservices**, enabling efficient feature development and deployment through vertical slicing.
- Integrated IOCC into the middle office UI (Monet) with Single Sign-On (Open ID Connect).
- Technologies Used:** Angular, Springboot, Jenkins.

Microsoft | Software Developer Intern: Engage Oct 2021 – Dec 2021
Project: Educational platform with academic and social tools for student engagement. Pune, India

- Using React and JavaScript, created features including secure user authentication for login and registration, separate admin and student controls, task manager, customizable quiz, chat application, real-time class booking.
- MongoDB for storing user-specific data like login info, quiz scores, and chats. Also built REST APIs with Node.js.
- Technologies Used:** CSS, Javascript, ReactJS, NodeJS, Express, Material-UI, Socket.io, JWT.

Deutsche Bank | Software Developer Intern June 2021 – Aug 2021
Project: Search User Interface for Apache solr. Pune, India

- Developed a Python pipeline to index the 500k-record Enron dataset into Apache Solr, reducing CSV cleaning time from **30 minutes to 3 minutes**. Designed and tested Spring Boot microservices to query the Solr index, creating REST services with server/client-side filters.
- Built an Angular UI to query the Solr database based on parameters like send date, sender name, and subject, used Jasmine for unit, integration testing and Jenkins for building and deploying the project on Tomcat, automating the entire process by 90% .
- Technologies Used:** Python, Apache Solr, Angular, Springboot, Jenkins, Tomcat, Postman.

Technical Skills

Languages: C, C++, Java, Javascript, HTML, CSS, Typescript, Python.

Softwares, Libraries & Frameworks: Springboot, React, Angular, React Native, Docker, Node, Express.

Database & Platforms: SQL, MySQL, MongoDB, NoSQL, Jenkins, Tomcat, Teamcity.

Achievements & Leadership

- Holding Department Rank 1 in the Computer Engineering Department and female topper of the college.
- Earned the Academic Excellence Scholarship from Tata , Hashmap & Badve in 2019, 2020 and 2021.
- Secured a University Rank 3 in Pune Univeristy in 2019 among 2 lakh students.
- Branch Head of Computer Engineering Department & Maths Club Secretary 2020-2021.
- Volunteer Educator, eVidyaloka Trust: Taught rural children, helping bridge educational gaps.