

MOHD ASHIF

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Summary

Analytical and dynamic developer seeking a **Software Engineering Intern** position, where I can apply my technical skills, creative problem-solving, and passion for technology to contribute to innovative projects and gain valuable hands-on experience in a fast-paced environment.

Skills

- C/C++ | Java | **JavaScript** / Typescript | **React** | Redux | **HTML/CSS** | **Python** | Node | MySQL | PostgreSQL | MongoDB | jQuery | Git
- Azure | Cloud Computing | AWS | Docker | Kubernetes | Salesforce development | CI/CD | Bug Fixing | Jest | Express | Figma | Three.JS
- Microfrontend | Microservices | Data Structures and Algorithm | GSAP | D3 | Jira | Problem-solver | Shell | Agile | Linux |

Education

Master of Science Florida State University Tallahassee, FL, USA **08/2023 - 05/2025**

- Major in Computer Science

Bachelor of Science University of Delhi New Delhi, INDIA **06/2018 - 05/2021**

- Major in Computer Science, 8.35/10 CGPA

Work History

Software Engineer DELL INDIA **08/2022 - 07/2023**

- Designed and prepared multiple components for all micro-frontend applications of a customer-facing product called Lightning, improving user experience and interactions by 20% using the latest technologies of react, typescript, redux, **web component**, and jQuery.
- Modified **Webpack scripts** to improve the **bundle** size of all micro-frontend applications by making sure that common bundles load only once which reduces the load time of applications by 60%.
- Performed root cause analysis for more than 10 issues to identify bugs and rolled out fixes to production within the sprint.
- Spearheaded comprehensive testing efforts, encompassing unit testing, end-to-end (E2E) testing, and integration testing, to ensure software reliability and performance in production.
- Developed and implemented customized Salesforce solutions to optimize workflow efficiency and enhance user experience.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, software engineering, unit/integration/e2e testing

Full-stack Software Engineer Amantya Technologies INDIA **06/2021 - 06/2022**

- Engineered frontend and backend applications for our clients that can help consume the communication towers data to analyze and build a stable network for their customers using **React**, **Typescript**, **NodeJS**, **MongoDB**, and **SQL**.
- Demonstrated expertise in SQL query optimization within PostgreSQL, resulting in a 30% improvement in database performance.
- Built innovative **microservices** and Web Services (incl. **SOA/SOAP/REST**) to help monitor tower data reducing the response time of APIs by 60% as compared to previous services by using the latest methods and query improvements in backend services.
- Executed Salesforce administration tasks, including data management and user support, to streamline processes and ensure integrity.
- Worked closely with a cross-functional team of software engineers, designers, and product managers to contribute to the development of software applications

Frontend-Developer Intern Bosler Colomiers, FRANCE **10/2020 - 05/2021**

- Worked in cross-functional teams with designers, product managers, and developers to improve user accessibility by 15% by integrating user feedback into the product design and development process which was highly appreciated by our clients.
- Analyzed research data, synthesized findings, and created actionable recommendations such as user personas, journey maps, and user flows to visualize and communicate user insights and maintained data quality.
- Engineered new components for a **big data** platform with the goal of managing and visualizing millions of data on the platform itself and using that data to help multiple partners drive their business successfully and get more customers using **React**, **Redux**, **Javascript**, and **D3**.
- Increased application capabilities to render more animated 3D objects by almost 10 times by upgrading the framework to **three.js**

Projects / Leadership

Kepler **10/2020 - 05/2021**

- Designed and implemented dynamic data visualization solutions, utilizing tools such as D3.js, React, Apache e-charts, Flexbox, and CSS3, including a responsive dashboard for real-time handling and visualization of large datasets.

Webmaster/Coordinator University of Delhi **10/2020 - 05/2021**

- Conducted event reviews, managed budgeting and vendor negotiations, and maintained client relationships
- Developed a high-performing team focused on quality, safety, cost-effectiveness, and improved reach by creating multiple event sites.