**Atharv Joshi**

joshi.atharv1@northeastern.edu | (781)-873-2929 | [LinkedIn](https://www.linkedin.com/in/atharv-joshi-6768651b1/) | [GitHub](https://github.com/joshiatharv1)

**EDUCATION**

**Northeastern University** |Boston, MAExpected May 2025

*Master Of Science in Information Systems*

**Related Coursework:** Application Engineering Development, Web Designing and User Experience, Network Structures and Cloud Computing, User Experience and Testing.

**Medi-Caps University** | IndiaAug 2019- May 2023

*Bachelor of Technology in Computer Science*

**Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Database Management Systems, Cryptography.

**SKILLS**

**Programming Languages**: Java, JavaScript, Python, Typescript.

**Web Technologies and Frameworks**: ReactJS, Redux, NodeJS, ExpressJS, Bootstrap, SCSS, AngularJS

**Database and Tools**: MySQL Server, Google Cloud Platform, Docker, Terraform, Packer, GitHub Actions, Postman, Visual Studio, Eclipse, No SQL (MongoDB), Git, Github

**EXPERIENCE**

**Affimintus Technologies Pvt Ltd Indore, Madhya Pradesh**

*Java Development Intern Jan 2023 – Jun 2023*

* Collaborated on the development of **enterprise-level Java applications**, optimizing database connectivity by 30% through meticulous JDBC Integration.
* Engineered a sophisticated Courier Tracking App prototype, utilizing **Java servlets pages** for backend processing and HTML/CSS/JavaScript for frontend presentation, achieving seamless user experience and efficient data management.
* Implemented secure authentication mechanisms such as **JWT tokens and OAuth 2.0**, enhancing user data protection and privacy compliance.
* Crafted comprehensive test cases using testing frameworks like **JUnit**, resulting in decrease in post-production bug reports.

**PROJECTS**

**User Authentication Project with DevOps Implementation** *Jan 2024 – April 2024*

* Developed **RESTful API’s** in JavaScript ES6+ to handle user authentication and registration endpoints with robust error handling using Jest. Used SQL database interactions, ensuring efficient data management.
* Implemented a **CI/CD pipeline** with GitHub Actions, automating integration tests to maintain code quality and reliability. Automated tasks using extensive **shell scripting** within built machine image.
* Leveraged **Terraform and GCP** to provision a secure infrastructure, configuring essential components like VPC, subnet, SQL instance, VM, and firewall rules.
* Configured **load balancing, SSL certificates**, and auto-scaling for high availability and secure communication.
* Employed **Packer** to create custom images of the Node.js application on CentOS, optimizing deployment processes and scalability.

**UniFlow: Seamless University Management System** *Sept 2023 – Nov 2023*

* Developed a **Java Swing** University Management System, enabling collaboration among students, faculty, employers, and administrators, with a focus on data security and **role-based access control**.
* Utilized **MySQL** for efficient data storage, enhancing user identification and decision-making through automated student ID generation and visual analytics with JFreeChart.
* Incorporated **logging with Log4j** to track system activities and errors and facilitating troubleshooting.

**FinSight: Data-Driven Finance Dashboard** *Nov 2023 – Jan 2024*

* Created a finance dashboard utilizing **Material-UI, TypeScript**, and Recharts, hosted on Vercel, delivering intuitive **data visualization**.
* Integrated **regression-based** revenue predictions, enhancing decision-making insights through data-driven analysis.
* Engineered a scalable backend with **Node.js, Express.js, and MongoDB**, deployed on Fly.io, **incorporating Redux Toolkit and React Router** for seamless state management and navigation.