

Kanishk Mogalraj

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TECHNICAL SKILLS:

- **Frontend** - Angular, Rxjs, JavaScript, HTML5, CSS3, Typescript, Bootstrap, Tailwind CSS
- **Backend** - SpringBoot, Java 8, Node.js, Express.js, Middleware, JDBC, JPA, Kafka, Microservices, Rest APIs
- **Database** - Sql, MySQL, MongoDB
- **Deployment/tools** - Vercel, Git, GitHub, SVN, Jira, Maven

EDUCATION:

Lovely Professional University, Jalandhar | B.Tech in Computer Science | July 2017 - May 2021 | 7.69 CGPA

Vijay Sai Junior College | Intermediate | June 2015 - April 2017 | 97.5% Aggregate

WORK EXPERIENCE:

Software Engineer 1 (Full stack engineer) - Vertafore | Sept 2022 - Present

- Played a key role in developing highly responsive, reusable designs and end-to-end features, including multiple file uploads, advanced search functionalities and support for various file types using Angular and Spring Boot Microservices, along with managing Cassandra databases.
- Took full ownership of individual tasks, consistently maintained 95% code coverage, and actively engaged in code reviews of co-developers to optimize and improve code quality.
- Provided comprehensive guidance and mentoring to the junior developers and cross-functionally collaborated with other teams to assist and share knowledge on frontend technologies.
- Implemented file sharing and chat system features across platforms, ensuring secure and seamless data exchange.

Software Engineer Trainee - Sears IT & Management Services | April 2021 - April 2022

- Proficiently learned and managed programming for an enterprise ecommerce website using Angular and Spring Boot.
- Worked with the senior development team to contribute to moderate features, resolved a few bugs, and fixed triages raised by customers, resulting in significant improvements to web functionality.

PROJECTS:

[\[Link\]](#) **Ecommerce Website (Flipkart clone)** - Front End and Back End Development

Tech Stack: Angular v16, Spring Boot 3, Java, Bootstrap, mySql, JSON Web Tokens (JWT), Rxjs, Typescript

- Engineered a highly scalable, fast-loading full-stack application featuring debounce searching, OTP Authentication, JWT Authorization, and Razorpay for secure payments using Angular for frontend development.
- Backend implementation built using Spring Boot and Java with microservices architecture, API Gateway, Eureka Service Registry to handle multiple API integrations across instances efficiently, and used mySql as database management.
- Created product catalog and shopping cart functionality, including the ability to remove products and adjust quantities.
- Achieved and Maintained less than 10 ms of loading time for all APIs to enhance the website's performance.

[\[Link\]](#) **Snake Game** - Front End Development

Tech Stack: HTML5, CSS3, Javascript, DOM Manipulation

- Designed and deployed the classic snake game with a score board and all necessary dynamic gameplay mechanics.
- Utilized RequestAnimationFrame for smooth animation rendering, ensuring an enjoyable gaming experience.

ACHIEVEMENTS:

- Developed chat systems in a Shiplt day competition and won 'Team that Learned the Most' category in Vertafore.
- Served as a Scrum Master for one quarter, handling additional responsibilities in driving Agile methodologies.
- Coding Ninjas certified as a top performer in Data structures and algorithms in 2020.