

# SHAIKH MAHBOOB

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## Education

<b>Mumbai University</b>	<b>2018</b>
<i>Mechanical Engineering</i>	<i>Mumbai, Maharashtra</i>

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- System Design
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

<b>Finclusion Solutions Pvt Ltd, Mumbai</b>	<b>July 2021 – October 2023</b>
<i>backend developer</i>	<i>Mumbai, Maharashtra</i>

- Designed and developed microservices architecture using Node.js, enhancing the scalability and modularity of the insurance product.
- Implemented Keycloak for secure identity and access management, ensuring data privacy and compliance with industry standards.
- Conducted rigorous unit testing, guaranteeing the reliability and functionality of backend services, and achieving a 98% test coverage rate.
- Worked in tandem with peer developers to create and refine insurance product workflows, improving overall efficiency and customer experience.
- Successfully integrated a new insurance product into the existing system, streamlining the onboarding process and expanding the company's product portfolio.
- Collaborated closely with Business Analysts (BAs) to understand business requirements and translate them into technical specifications, facilitating effective project execution.
- Spearheaded a Proof of Concept (POC) for claims settlement using the Camunda workflow engine, demonstrating the feasibility and efficiency of automated claims processing.
- Integrated third-party APIs to enhance product functionality, including real-time data retrieval and payment processing, resulting in a seamless user experience.
- Mentored and provided guidance to junior developers and freshers, fostering their professional growth and ensuring adherence to best practices in coding and software development.

## Projects

<b>E-Commerce website   M.E.R.N</b>	<b>January 2021</b>
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- Database Design and Management: Understanding how to design and manage a NoSQL database like MongoDB, including creating collections, defining schemas, and performing CRUD (Create, Read, Update, Delete) operations.
- Server-Side Development with Node.js and Express.js: Learning to create RESTful APIs, handle HTTP requests, and manage server-side logic using Node.js and Express.js.
- Front-End Development with React: Developing responsive and interactive user interfaces using React, including component-based architecture, state management, and routing
- User Authentication: Implementing user authentication and authorization mechanisms, such as JWT (JSON Web Tokens) or OAuth, to secure user data and restrict access to certain features.
- State Management: Implementing state management solutions such as Redux or React Context to manage complex application states efficiently.
- Payment Gateway Integration: Learning how to integrate payment gateways like PayPal, Stripe, or others to facilitate secure online transactions.
- resumeItemDeployment and Hosting: Deploying the MERN stack application to a web server or cloud platform (e.g., AWS, Heroku, Netlify) and configuring domain settings..

<b>Chat App   node</b>	<b>November 2020</b>
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- Real-time Communication: Understanding how to implement real-time communication using technologies like WebSockets or a real-time database (e.g., Firebase Realtime Database or Firestore) to enable instant message delivery and updates.
- Message Storage and Retrieval: Developing a system for storing and retrieving chat messages efficiently, including managing message history, ensuring data consistency, and optimizing message retrieval for a smooth user experience.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

## Technical Skills

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**Languages:** node, C++, C, HTML, CSS, JavaScript, SQL, NoSQL

**Technologies/Frameworks:** React, mongodb, express, fastify.js, feather.js, Linux, Postgresql, GitHub, Git

**Developer Tools:** VS Code

## Reference / Links

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 <https://portfolioasadeveloper.netlify.app/>