

MOHAMMED AYEENUDDIN

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SUMMARY

Dynamic **MERN Developer** with experience of building engaging applications and streamlining operations. Skilled in user account management, secure authentication, and performance optimization. Proficient in debugging and mentoring to enhance team productivity. Currently building "**ResuMeUp**", an AI-integrated resume builder.

ACCOMPLISHMENTS

- Enhanced a financial services platform by improving features and optimizing performance.
- Designed a new system interface (API) that streamlined processes and improved usability.
- Built a task management system with automated SMS and email reminders for better workflows.
- Implemented advanced security measures, including encrypted tokens, ensuring secure user logins.
- Improved application speed by implementing efficient image compression techniques.
- Delivered engaging lessons, helping students excel academically in physics and math.

WORK EXPERIENCE

MERN Developer (Contract-Based)

Oct 2022- Apr 2023

Description: Platform for User Accounts and Financial Operations (for sahulat.org/)

Environment: MERN Stack, JWT, Agile

Responsibilities:

- Designed and developed features for user account management, loan monitoring, and ledger functionality.
- Implemented secure data access using JWT authentication and robust authorization protocols.
- Optimized application load times through effective image compression techniques.
- Debugged critical bugs to ensure smooth application performance.
- Conducted code reviews and mentoring sessions, boosting team productivity.
- Followed Agile methodologies and MVC architecture for scalable and efficient development.

Tutor (RR Education Academy)

May 2024 - April 2025

- Teach physics and math, simplifying complex concepts for better student understanding.
- Design engaging lesson plans tailored to individual needs.
- Evaluate student progress through regular assessments and constructive feedback.
- Foster an interactive learning environment to build confidence and academic skills.

SKILLS

- **Operating Systems:** Windows, Linux
 - **Database:** MongoDB
 - **Technologies:** React.js, Node.js, Express.js, JavaScript, HTML, CSS, Bootstrap, Tailwind
 - **Tools:** VS Code, Git, GitHub, Postman, Notion, MS Office
 - **Version Control:** Git
 - **Others:** JWT authentication, Agile methodologies, REST APIs, Netlify, Vercel, Render
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PROJECTS

Banking and Finance Platform

Description: Platform for User Accounts and Financial Operations

Environment: MERN Stack (MongoDB, Express.js, React.js, Node.js), JWT, Agile

- Collaborated in an Agile environment to deliver scalable, maintainable solutions.
- Ensured secure authentication using JWT and implemented role-based authorization.
- Enhanced performance by reducing load times.

Task Manager with Automated Alerts

Description: Task management app with automated SMS and email reminders for deadlines.

Environment: MERN Stack, React Hooks, CSS, Nodemailer, Twilio

- Built a dynamic task scheduling app with SMS and email reminders for deadlines using Twilio and Nodemailer.
- Implemented React state management and hooks for efficient UI interactions and data handling.

Email Template Builder

Description: A web application to create, edit, and manage responsive email templates with a user-friendly drag-and-drop interface and real-time preview functionality.

Environment: MERN Stack, React Context API, Material-UI, Tailwind CSS

- Designed and implemented RESTful APIs for template management, file uploads, and template rendering.
 - Created a secure backend with validation layers to handle dynamic template rendering and HTML download functionality.
 - Implemented a context-based global state management system for efficient template CRUD operations and API integration.
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EDUCATION

Bachelor of Engineering: Computer Science

Lords Institute of Engineering and Technology, Hyderabad

Intermediate: MPC (Maths, Physics, Chemistry)

Sri Chandra Junior College, Hyderabad

ADDITIONAL INFORMATION

Nationality: Indian

Languages Known: English, Urdu, Hindi

Interests: Exploring New Technologies, Startups, Domains, Crypto, AI.