Altamash Ahmad

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EDUCATION

YEAR	QUALIFICATION	INSTITUTION	CGPA/PERCENTAGE
2020-24	Bachelor of Technology	Jamia Millia Islamia	8.71/10.0
2018	Class XII (CBSE)	Central Academy School, Kota	77.2 %
2016	Class X (CISCE)	City Montessori School, Lucknow	90.0 %

ACHIEVEMENTS

- Secured **96.8 percentile in 2019 Joint Entrance Exam (JEE Mains)** ranking among the top candidates out of **1.5M candidates**
- Skilled coder, excelled on **LeetCode** and **Codeforces** online coding platforms, consistently achieving high scores
- Resolved over **900 student queries on Chegg platform**, specializing in topics like programming and data communication
- Produced engaging gaming content on the **Zod Gaming YouTube** channel, gaining **1500 subscribers** and **500K views**

EXPERIENCE

Full Stack Software Developer at Ekai   Sep'24-Present

- Developed **Ekai**, a **custom LLM Slack bot** using **OpenAI API**, enabling **ChatGPT-like** interactions with added **training features**
- Built **backend** functionalities and interactive **UI** for Ekai Slack app using **Node.js, Express.js, Slack Bolt SDK and Block Kit**
- Built privacy control module for setting training data visibility (personal or group), enhancing data security and user control
- Converted **OpenAI's Markdown** responses to Slack-compatible formatting, ensuring clear and readable bot interactions
- Designed a custom Slack home interface with **Block Kit Builder**, improving user experience and navigation for Ekai features
- Enabled multi-file selection in Google Drive for Ekai training using **Google Picker API**, boosting processing efficiency

Software Developer Intern at Kalvium   June'24 - Sep'24

- Developed **LiveBook** for Kalvium using **HTML, CSS, and JavaScript,** integrating theory, videos, and assessments across stacks
- Integrated **YouTube videos via API**, allowing students to **access content directly**, enhancing engagement and delivery
- Developed **RESTful APIs** for content retrieval, quiz submissions, and video management, ensuring functionality
- Optimized platform performance using **Chrome DevTools** and testing tools, reducing load times and improving reliability

PROJECTS

Rate Limiter for API Services | Self Project, Backend Development   May'24 - Jul'24

- Developed **RESTful API** with **Node.js/Express.js** for social media analytics, including **submission and dashboard endpoints**
- Built **Redis-based** data persistence layer for user submissions, hashtag tracking, and sentiment analysis
- Designed **rate limiting middleware** for tiered access **(free/premium/standard)** to prevent abuse and ensure availability
- Implemented **real-time analytics** with background tasks for content analysis, hashtag extraction, and sentiment scoring
- Built error handling and logging system with **Winston** for effective monitoring and debugging of production issues

E-commerce web application for our business Shine Traders | Self Project, Full-Stack Development   Feb'24 - Apr'24

- Developed a responsive **e-commerce platform** for Shine Traders using **HTML, CSS, and JavaScript (ES6+)**
- Integrated a dynamic product list with a **RESTful API**, leveraging **Fetch API** and async/await for smooth data loading
- Created a persistent shopping cart feature with **local storage**, enabling users to save and restore cart data between sessions
- Designed an efficient checkout flow with features like order summaries, estimated delivery costs, and real-time tracking
- Utilized **Day.js** for precise date handling to display accurate delivery timelines and tracking information

Sorting Visualizer | Self Project (Algorithm Visualization)   May'24 - Jul'24

- Developed a web-based sorting visualizer for **Bubble, Selection, Insertion, Merge, and Quick Sort** using JavaScript and CSS
- Enhanced animation performance, reducing lag by **30%** when handling large datasets of up to **1000 elements**.
- Designed an interactive UI for customizing array size (2-1000 elements) and **sorting speed** for a personalized experience
- Refactored Merge and Quick Sort code to **reduce memory** footprint and optimize efficiency for smoother visualization

TECHNICAL SKILLS

Programming/ Scripting Languages	C++	SQL| JavaScript	Node.js	Express.js |RESTful API	HTML	CSS
Software/ Packages used	MySQL	AWS SDK	Slack Bolt SDK	VS Code	Postman	Git	GitHub	Redis

RELEVANT COURSES

Introduction to Programming	System Design	Data Structures	Algorithms
Full-Stack Development	OOPS	Communication Skills	DBMS