Raman Maurya

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EDUCATION

Abdul Kalam Technical University, Lucknow	Dec. 2022 - Jun. 2026
BTech in Computer Science, SGPA: 8.22	*UP, India*

SUMMARY

- Backend-focused SDE aspirant with a strong foundation in data structures and algorithms, experienced in building scalable APIs, secure authentication systems, and real-time services using Node.js, Express, and MongoDB.
- Participated in Grand Finale of Navonmesh Hackathon at AKTU University and 2x Intra college level hackathons.

PROJECTS

Dev Tinder (Connect with Developers) | *Project Link* : *DevTinder*

- A dynamic Full stack web application like Tinder to connect with Developers, Users have a feed page where they send connection request to interested developers, implemented via **REST APIs.**
- Integrated **Razorpay Payment Gateway** to purchase Gold and Silver membership.
- Real time chat functionality with friends using **Socket.IO** library of javascript.
- It features robust user authentication using **JWT cookies**, along with secure form validation and password protection powered by Validator and bcrypt libraries in JavaScript.
- **Tech Used:** ReactJS, Node.js, MongoDB, Express.js, Tailwind CSS, DaisyUI, Razorpay, WebSockets.

Crypto Tracker | *Project Link* : *Crypto-tracker*

- A dynamic **ReactJs** web application offering real-time data on various cryptocurrencies including live prices, ranks, market capitalization, 24-hour changes, etc. using **API integration**.
- Crypto Tracker provides detailed analysis through interactive graphs depicting daily, monthly, and yearly trends for each currency using **ChartJS**.
- It also features robust user authentication utilizing **Firebase**, enabling personalized watchlists for logged-in users to add or remove preferred cryptocurrencies.
- **Tech Used:** ReactJS, Firebase, ChartJS, Javascript, Material UI, CSS, HTML.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, HTML, CSS, JavaScript.
Frameworks/Libraries: React.js, Node.js, Express.js, Mongoose, Redux.
Database: MongoDB, MySQL.
Developer Tools: Git/Github, Postman, VS Code.
Academic Coursework: Data Structures, Operating System, DBMS, OOPS.
AI Tools: Copilot, Trae AI, Cursor.

INTERNSHIPS

- Open Source Contributor at Girl Script Summer of Code(GSSOC'24) Extended program.
- 6 weeks internship in Building Modern web application using **MERN stack**, in collaboration with EY Global Delivery Services and AICTE from 9th Dec 2024 to 20th Jan 2025.
- 4 weeks virtual Internship leveraging SkillsBuild & IBM Cloud platform in 'AI and Cloud', with Edunet Foundation in Collaboration with AICTE, from 21st Feb 2024 to 20th Mar 2024.

CERTIFICATIONS

- **Getting Started with Enterprise-grade AI | *IBM*** (Feb 2024)
  - Gained foundational knowledge of AI, focusing on **scalability** and **security compliance** for enterprise applications.
- **Fundamentals of Azure AI Services | *Microsoft*** (June 2024)
  - Learned to integrate **AI capabilities** (e.g., OCR Services, Azure OpenAI, etc) into web applications.