Aayush Kumar

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SUMMARY

Full-stack developer experienced in building scalable web applications, AI-driven platforms, and real-time communication systems. Proficient in React.js, Next.js, Node.js, Spring Boot, MongoDB, SQL, and Tailwind CSS, with strong skills in authentication, testing, and deployment. Skilled at translating complex requirements into efficient solutions, improving system performance, and delivering user-focused applications through Agile collaboration.

EDUCATION

- **Chitkara University**   Aug 2020 – Aug 2024
  Bachelors in Computer Science and Engineering; CGPA: 9.37

- **Masai School**   Dec 2024 – Present
  Software Development

EXPERIENCE

- **Tech Mahindra**   Punjab
  Java Developer Trainee   *Jan 2024 – Jul 2024*
  - **Healthcare Platform**: Built "MediHub", a healthcare supply chain platform for managing orders and transactions.
  - **Frontend & Backend**: Developed responsive UIs with Angular and scalable backend services using Spring Boot.
  - **Testing**: Enhanced product reliability through automated testing using Selenium and JUnit.

PROJECTS

- **Tech-AI (AI Career Coach)**   **Live — GitHub**:
  - **Overview**: AI-powered career coaching platform providing dashboards, skill quizzes, personalized feedback, and automated resume & email generation.
  - **Impact**: Reduced manual evaluation effort by 30% through AI-driven insights.
  - **Technologies Used**: Next.js, Prisma, NeonDB, Tailwind CSS, Inngest, Shadcn UI.

- **Smart School (School Management System)**   **Live — GitHub**:
  - **Overview**: Engineered student data management tools, facilitating the processing of over 7,500+ attendance records daily; improved data accuracy by 40% and increased teacher efficiency by approximately 8 minutes daily.
  - **Impact**: Streamlined operations, reducing record-keeping errors by 35%.
  - **Technologies Used**: React.js, Redux, Tailwind CSS, Node.js, MongoDB, JWT Authentication.

- **WeChat (Real-Time Chat Application)**   **Live — GitHub**:
  - **Overview**: Real-time chat app with messaging, media sharing, video calls, and profile customization.
  - **Impact**: Reduced message delivery latency by 25% using WebSockets.
  - **Technologies Used**: React.js, Node.js, Express, MongoDB, Socket.io, JWT Authentication.

SKILLS SUMMARY

- **Programming Languages**: Java, C++, Python, C, SQL, JavaScript, HTML/CSS
- **Frameworks & Technologies**: React.js, Node.js, Express.js, MongoDB, RESTful APIs, Mongoose, Bootstrap, TensorFlow
- **Tools & Libraries**: GitHub, Matplotlib, Postman
- **Soft Skills**: Problem-Solving, Analytical Thinking, Team Collaboration, Agile Methodologies, Communication, Adaptability

ACHIEVEMENTS & RECOGNITIONS

- **Masai Xto10X Hackathon**: Participated and excelled in the Masai Xto10X Hackathon, collaborating in a high-pressure, industry-grade environment to deliver innovative solutions under strict deadlines.
- **Inter-College Web Development Contest**: Secured 3rd prize in a competitive inter-college web development contest, recognized for innovation and technical excellence in creating a web-based application.
- **CodeChef Graphics Design Initiative**: Conducted full-credit computer science courses under the CodeChef Graphics Design initiative at CUET, delivering sessions on data structures, algorithms, and problem-solving tailored to diverse proficiency levels.