

# Devansh Chourey

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## Professional Summary

Software Engineer skilled in full-stack development (MERN), RESTful APIs, cloud platforms like AWS and Google Cloud, and data processing. Proficient in C, C++, Python, JavaScript, with expertise in Data Structures, Algorithms, SDLC, and Agile methodologies. Experienced in real-time systems, data integration, and visualization, using tools like GitHub, Firebase, Netlify, Vercel, Render, and Power BI. Passionate about building scalable, high-performance applications.

## Professional Experience

**Software Development Intern** ([Magniit Technologies](#)) **Remote, Bangalore** 09/2024 - 10/2024

- Developed and optimized MERN stack applications, improving performance by 30% .
- Participated in Agile development cycles, leading to 20% faster feature releases.
- Designed and integrated responsive UI components in React.js, enhancing UX.

**Software Engineer Intern** ([J.P. Morgan](#)) **Remote, India** 07/2024 - 09/2024

- Built and optimized real-time data visualization dashboards using the Perspective library.
- Optimized API integrations, reducing data latency by 25%.
- Reviewed & maintained technical documentation, improving code maintainability.

## Education

**B.Tech (Computer Science and Engineering)** [Samrat Ashok Technological Institute](#) **Vidisha, India** 2021-2025

Relevant Courses: Software Engineering, Data Structure and Algorithm, Operating System, Database Management System.

## Skills

- Languages & Frameworks:** C, C++, Python, JavaScript (ES6+), TypeScript, HTML, CSS, Tailwind CSS, React.js, Node.js, Express.js
- Web Technologies:** MERN Stack, RESTful APIs, GraphQL, WebSockets, Responsive Design
- Cloud & Tools:** AWS, Google Cloud, Firebase, Postman, Canva, Microsoft Power BI
- Databases:** MongoDB, SQL, MySQL, PostgreSQL
- Version Control & Deployment:** Git, GitHub, Docker, Kubernetes, Vercel, Netlify, Render
- Soft Skills:** Problem-Solving, Analytical Thinking, Team Collaboration, Debugging, Time Management

## Projects

**Job-Seeking Platform (MERN Stack):** Designed and developed a full-stack job-seeking platform using MongoDB, Express.js, React.js, and Node.js. Implemented RESTful APIs for managing user profiles, job listings, and applications. Optimized backend architecture for scalability, WCAG standards and fast response times, ensuring efficient user interactions.

**LearnWave – Education Platform (MERN Stack):** Developed a scalable education platform using MongoDB, Express.js, React.js, and Node.js. Implemented RESTful APIs for user authentication, course management, and real-time progress tracking. Optimized performance for seamless user interactions, responsive design and scalability.

**Real-Time Weather Monitoring System with Data Processing and Alerts (MERN Stack):** Developed a Real-Time Weather Monitoring System with data processing and alerting using the OpenWeatherMap API. Implemented data aggregation, rollups, and threshold alerting for optimized weather data storage and quick retrieval. Designed weather trend visualizations and incorporated real-time analytics for up-to-date user notifications, ensuring responsive design.

## Certifications

- Google Cloud Generative AI Completion Certificate (10/2024) - [Linkedin](#)
- J.P. Morgan Software Engineering Completion Certificate (09/2024) - [Linkedin](#)
- Accenture Data Analytics and Visualization Completion Certificate (09/2024) - [Linkedin](#)
- IBM Data Science Certification (04/2024) - [Linkedin](#)
- Google Kickstart Coding Competition (10/2022) - [Drive](#)