

# Naman Chaturvedi

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## TECHNICAL SKILLS

**Programming Languages:** JavaScript, C++, Java, Python

**Web Development:** React JS, Node JS, Tailwind CSS, Spring Boot, MySQL, MongoDB

**Cloud Technologies:** AWS Services, GitHub, ETL, Power BI, N8N

## PROJECTS

### EcoTrack | *Next.js, TypeScript, MongoDB*

Feb 2025 – Apr 2025

- Developed a large-scale waste management platform for city-level operations, enabling real-time waste tracking, pickup scheduling, and feedback management.
- Integrated AI-driven image recognition models with high classification accuracy, greatly reducing manual data entry and validation effort.
- Introduced gamified features such as badges, leaderboards, and rewards, leading to a noticeable boost in user engagement and platform retention.
- Optimized MongoDB queries and API response handling, ensuring consistently low-latency performance even under heavy simultaneous usage.

### Finovate | *Next.js, TypeScript, MongoDB*

Jun 2024 – Sep 2024

- Created a full-stack personal finance platform capable of handling a large volume of transactions with multi-account linking, budgeting tools, and insight visualizations.
- Implemented AI-based receipt scanning for automated expense categorization, significantly reducing manual review workload.
- Designed dynamic dashboards with interactive visualizations, helping users identify spending trends and make smarter financial decisions.
- Configured backend caching and optimized query logic to noticeably improve API responsiveness and dashboard loading performance.

### InsightX | *React.js, Machine Learning, MongoDB*

Aug 2023 – Oct 2023

- Built a scalable data analytics dashboard suitable for adoption by multiple enterprises to visualize revenue, KPIs, and operational performance metrics.
- Integrated ML-based forecasting models with strong predictive accuracy, supporting data-driven decision-making and strategic planning.
- Developed modular, reusable React.js components ensuring faster development cycles and consistent UI design across the platform.
- Implemented RESTful APIs with MongoDB aggregations for efficient data retrieval and smooth real-time dashboard synchronization.

## CERTIFICATIONS

- AWS Cloud Essentials – Coursera (Learned AWS core services, cloud concepts, and IAM fundamentals) Jun 2025
- OCI Generative AI Professional – Oracle (Hands-on with OCI AI APIs, and enterprise AI deployment) Oct 2025

## EXTRA-CURRICULAR

- Won 3rd place in inter-college weightlifting championship (75kg category) among 50+ participants.
- Led as part of the Ground Staff Team during the annual college fest Advitya, managing event discipline, crowd coordination, and on-site logistics.
- Secured Runner-up position in the college Marathon Event, showcasing endurance, determination, and consistent athletic performance.

## EDUCATION

### VIT Bhopal University

Bhopal

B.Tech in Computer Science and Engineering — E-Commerce — CGPA: 8.37

### Sophia Senior Secondary School

Kota

Class X – 82.2%