Naman Chaturvedi

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TECHNICAL SKILLS

JavaScript, C++, Java, Python, React Js, Node Js, Tailwind CSS, MySQL, MongoDB, AWS, GitHub, Power BI, ETL

PROJECTS

EcoTrack | *Next.js, TypeScript, MongoDB*   *Feb 2025 – Apr 2025*
- Developed a city-scale waste management platform serving 1,200+ citizens, enabling real-time waste tracking, pickup scheduling, and feedback collection.
- Integrated AI-driven image recognition models (90+% accuracy) to classify waste types, cutting manual data entry and validation time by 60%.
- Introduced gamified features such as badges, leaderboards, and rewards, increasing user engagement and retention by over 35%.
- Optimized MongoDB queries and API response handling, achieving sub–200ms latency even with 10k+ concurrent submissions.

Finovate | *Next.js, TypeScript, MongoDB*   *Jun 2024 – Sep 2024*
- Created a full-stack personal finance platform managing 500+ transactions/month with multi-account linking, smart budgeting, and insights visualization.
- Implemented AI-based receipt scanning to automate expense categorization, achieving 85% automation accuracy and lowering manual review workload.
- Designed dynamic dashboards with chart visualizations, empowering users to identify spending trends and reduce average monthly expenses by 15%.
- Set up backend caching and optimized queries, reducing average API latency by 40% and improving dashboard load performance.

InsightX | *React.js, Machine Learning, MongoDB*   *Aug 2023 – Oct 2023*
- Built a data analytics dashboard which can be adopted by 10+ enterprises for visualizing revenue, operational KPIs, and resource utilization in real time.
- Integrated ML-based forecasting models with 87% accuracy, predicting financial performance and improving strategic planning efficiency by 30%.
- Developed modular and reusable React.js components, reducing front-end development time by 25% and ensuring consistent design implementation.
- Implemented RESTful APIs with MongoDB aggregations, enabling seamless data retrieval and real-time synchronization across dashboards.

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: 8.35***   *Nov 2022 – Present*
Sophia Senior Secondary School   Kota
*Class X – **82.4%***   *2020*