

# Manjil Dhungana

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## PROFESSIONAL SUMMARY

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Full Stack Developer skilled in React, Node.js, TypeScript, and AWS, building scalable, high-performance web applications.

## TECHNICAL SKILLS

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- **Programming:** Core Java(JSE), JavaScript, TypeScript
- **Frontend:** HTML5, CSS3, JS, React JS, Next JS, Bootstrap, Tailwind, Material UI, Shadcn UI
- **Backend:** Node JS, Express JS, REST APIs, JWT
- **Databases:** MySQL, MongoDB, PostgreSQL
- **State Management:** Redux, Context API, Zustand
- **Tools:** Git, GitHub, Docker, AWS

## WORK EXPERIENCE

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**Full Stack Developer – Kreedalabs | Pune, Maharashtra** Sep 2024 – Present

- **Built Fashion Trend Forecasting Platform** using full-stack TypeScript with MVC architecture, processing 1M+ fashion posts to identify top trends with 85% accuracy.
- **Designed advanced color analysis system** with 2-stage clustering algorithms and complex PostgreSQL queries, generating top 50 color clusters based on vector distance calculations.
- **Developed sophisticated backend APIs** with multi-level filtering, aggregation pipelines, and real-time trend analysis, handling 10,000+ concurrent users with sub-second response times.
- **Implemented scalable architecture** with AWS Lambda, SQS, and event-driven processing, reducing data processing time by 75%.
- **Built dynamic trend visualization** using D3.js color graphs and complex data transformations, improving decision-making efficiency by 60%.
- **Enhanced system performance** by 50% through intelligent caching, query optimization, and resolved critical performance bottlenecks.

**Full Stack Developer – Skylink IT Services (Freelancing) | Remote** 2025

- **Developed production business website** with admin dashboard using React (TypeScript), Node.js, Express, and MongoDB with complete MVC architecture.
- **Implemented secure authentication system** with JWT, comprehensive schema validation using JOI, and configured high-availability deployment via Cloudflare and Vercel.
- **Managed complete project lifecycle** from requirement analysis to deployment, handling client communications and delivering within project timeline.

## EDUCATION

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**B.E Computer Science | Visvesvaraya Technological University | 9.3 CGPA** 2020 – 2024

## ACHIEVEMENTS

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- **Department and College Topper (2023):** Consistently ranked top performer (5th and 6th semester)
- **Active participant** in coding competitions including Code Fiesta @ SJB Institute of Technology
- **Successfully transitioned** from intern to full-time developer role within 3 months based on performance