

DEEPESH GAVALI

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EXPERIENCE

Intern – Technology & Transformation

Deloitte India

June 2025 – July 2025

- Built an automated disaster recovery controller for SAP BTP's Kyma runtime using **Kubernetes**, reducing failover time by **over 80%** through real-time detection and replication of microservices across regions.
- Engineered configuration backup and restore workflows (secrets, envs, etc.) using **Go**, achieving **95%+ recovery accuracy**, ensuring seamless service continuity.
- Integrated **DNS rerouting** and **alerting systems** to improve incident response time by **60%**, increasing platform resilience in multi-region deployments.

EDUCATION

Thapar Institute of Engineering and Technology, Patiala

Bachelor of Engineering in Computer Science and Engineering

September 2022 – May 2026

CGPA: 8.21

SKILLS

Technical Skills

Languages: C/C++, Java, Python, HTML, CSS, JavaScript
Frameworks: React, Node.js, Express.js
Database Systems: MongoDB, MySQL
Cloud: AWS

Soft Skills

Event Management, Public Speaking, Communication Skills, Team Work and Collaboration

PROJECTS

PulseMail [GitHub](#)

- Built a scalable SaaS Email Newsletter platform using **Next.js**, **TypeScript**, **AstraDB**, and **Stripe**, featuring a custom email editor and robust spam prevention.
- Integrated tiered **Stripe subscriptions** and **API key generation** to enable seamless external website integration.
- Developed secure user authentication with **Clerk**, reliable email sending via **SMTP**, comprehensive subscriber management, and draft saving functionalities.

OrderMate [GitHub](#)

- Developed an AI-powered order processing system featuring a centralized dashboard using **React.js**, **Node.js**, and **MongoDB** to manage orders, inventory, analytics, errors, and feedback through automated email processing.
- Implemented intelligent inventory control, dynamic pricing, and sentiment analysis to optimize stock management and enhance the customer experience.
- Integrated an interactive **chatbot** and **real-time analytics dashboard** for streamlined order tracking, sales insights, and automated error handling.

ACHIEVEMENTS

Deloitte Hackspllosion

- Achieved a **top 15 ranking out of 3,000+ teams** in Deloitte's prestigious national hackathon by developing an **innovative, data-driven solution** addressing complex business challenges.

Joint Overall Student Coordinator – Center for Training and Development (CTD)

- **Led the planning and execution** of a week-long Placement Symposium for **1,700+ students**, and coordinated guest speakers, industry professionals, and training sessions across multiple departments.

Core Member – Saturnalia

- Played a pivotal role in organizing Saturnalia, the official fest of Thapar Institute of Engineering and Technology, by **managing logistics for 10,000+ attendees**, overseeing event **scheduling across 3 days**, and leading **cross-functional coordination among 50+ volunteers**.