

## EDUCATION

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- **Pune Institute of Computer Technology, Pune** Pune, India  
*Bachelor of Engineering in Information Technology* Aug. 2022 – May. 2026
- **Indian Institute of Technology, Madras** Remote  
*Bachelor of Science in Data Science and Application* Jan. 2024 – Jan. 2028

## EXPERIENCE

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- **Script Lanes** Pune, India  
*Full Stack Developer Intern* Oct. 2024 – Apr. 2025
  - Engineered **scalable RESTful APIs** using Node.js, Express, and MongoDB, leading to noticeable improvements in response times. Integrated **Prisma ORM** for efficient database operations, optimizing query execution.
- **Stealth Startup** Pune, India  
*Backend Lead* May. 2025 – Current
  - **Leading backend development** for a social networking startup, building a modular **Node.js backend using a controller-service-route pattern** and integrating LLM-powered features with **LangChain and vector databases**.

## PROJECTS

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- **PneumoScan: AI-Powered Pneumonia Detection**
  - **Description:** Deployed a deep learning app to classify chest X-rays, achieving 85.4% accuracy with Grad-CAM for Explainable AI (XAI).
  - **Technologies:** Python, PyTorch, Streamlit, EfficientNetB0, Grad-CAM, CI/CD, Git.
  - **Role/Contribution:** Fine-tuned an EfficientNetB0 model, handling data imbalance, and managed the full CI/CD deployment pipeline from GitHub to Streamlit Cloud.
- **PICT ACM Student Chapter Alumni Portal:**
  - **Description:** Developed a full-stack web portal for PASC Alumni to enhance networking and collaboration.
  - **Technologies:** React, Next.js, Node.js, Express.js, PostgreSQL, Axios.
  - **Role/Contribution:** Drove backend development by building RESTful APIs with Node.js/Express.js over a PostgreSQL database, while also building the front-end user interface with React.

## EXTRACURRICULAR

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- **Operations and Technical Head, TEDxPICT:** Played a key role in planning and executing TEDx events, managing logistics, technical setups, and team coordination. Currently leading development of the TEDxPICT website using Next.js and Tailwind.
- **Overall Lead, Pulzion'24, PICT ACM Student Chapter:** Led the organization of Pulzion'24, a high-impact, 3-day tech event that drew 6000+ attendees, 2000+ participants, and 1600+ registrations. Managed a team of 200+ volunteers and held over 100 team meetings across 2+ months to ensure seamless execution.
- **Record-Breaking Mountaineering Achievements:** Became the **youngest in the world** to summit Mt. Stok Kangri at age 12, holding the record for a year. At 13, became the **youngest Asian** to climb Mt. Elbrus, the highest peak in Europe.

## SKILLS

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- **Analytical Skills:** Strong foundation in Data Structures & Algorithms using Java & Python
- **Web Technologies:** Strong foundation in JavaScript, React framework, Express.js, Tailwind, PostgreSQL, AWS, Docker, CI/CD, Git, Node.js, and Next.js, Prisma ORM
- **AI & Deep Learning:** TensorFlow, PyTorch, Keras, Neural Networks, Streamlit, LangChain, Agentic Architecture, RAG, CAG & MCP