

# CHETANRAJ JAKANUR

Full Stack Developer — Cloud Engineer — Database Engineer  
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## Summary

Proficient Full Stack Developer with hands-on experience in building dynamic web applications using MERN stack, Flask, and Flutter. Skilled in integrating AI/ML models, real-time data systems, and cloud-based services to deliver scalable, user-centric solutions. Experienced in end-to-end project development, from database design to frontend UI/UX implementation.

## Education

Bachelor of Engineering in Information Science and Engineering Bapuji Institute of Engineering and Technology, Davangere	CGPA: 8.57 2026
Class 12 Sir M V PU College, Davangere	Percentage: 91.67% 2021
Class 10 Rashtrottthana Vidya Kendra CBSE, Davangere	Percentage: 90.2% 2019

## Technical Skills

**Languages:** Java, Python, JavaScript, TypeScript, C, HTML5, CSS3  
**Frameworks:** React.js, Node.js, Express.js, Flask  
**Databases:** MySQL, SQL Server, MongoDB, PostgreSQL (Supabase)  
**Cloud & Deployment:** AWS (EC2, S3), Firebase, Azure, Google Cloud, Vercel, Render, Docker  
**Tools:** Git, GitHub, JIRA, Trello, Selenium, Power BI, Tableau  
**Practices:** REST APIs, Agile/Scrum, CI/CD, API Security, Database Optimization, Large Language Model, Natural Language Processing

## Languages

<b>English:</b> Fluent and Professional	<b>Kannada:</b> Native	<b>Hindi:</b> Fluent	<b>German:</b> Beginner
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## Work Experience

<b>STOFO Technologies LLP</b> <i>Software Developer Intern – Backend &amp; API Development (1 year 4 months)</i> <ul style="list-style-type: none"><li>Developed <b>RESTful APIs</b> in Node.js for secure, real-time communication.</li><li>Built full-stack apps with <b>Node.js backend + Flutter frontend</b>.</li><li>Optimized <b>Firebase</b> queries, reducing latency by 25%.</li><li>Delivered in Agile sprints, ensuring timely high-performance solutions.</li></ul>	May 2024 – Ongoing
<b>Internet Society (ISOC) India Bengaluru Chapter</b> <i>Chapter Member and Volunteer</i> <ul style="list-style-type: none"><li>Contributed to the successful organization of technology bootcamps, Hackathons, Summits, Panel Meetings, supporting logistics, participant coordination, and event execution.</li><li>Actively participated in policy and decision-making meetings, gaining exposure to Internet governance, community leadership, and strategic planning.</li><li>Assisted in community engagement and knowledge-sharing initiatives, strengthening collaboration in the fields of net-working and Internet governance</li></ul>	June 2024 – Ongoing

## Projects

<b>Face Recognition-Based Attendance System (Final Year Project)</b> <i>Automated attendance using real-time face recognition.</i> <ul style="list-style-type: none"><li>Automated biometric attendance using face detection and recognition in real-time.</li><li>Logged student attendance with video-guided dataset acquisition and database integration.</li><li><b>Tech Stack:</b> Python, OpenCV, Dlib, React, AWS</li></ul>	Ongoing
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## PDF AI Search Engine

January 2025 – February 2025

*AI semantic PDF search with OCR for scanned docs.*

- Designed an AI-powered PDF search with semantic retrieval and OCR support.
- Enabled contextual Q&A search with a Flask backend and Flutter frontend.
- **Tech Stack:** Flask, Flutter, FAISS, PyTesseract, pdf2image, REST APIs

## Real-Time Collaborative Code Editor

July 2024 – August 2024

*Multi-user editor with presence + sync.*

- Built a collaborative editor supporting multi-user real-time code editing and sync.
- Added syntax highlighting, theme customization, and room management features.
- **Tech Stack:** React (TypeScript), Node.js, Express.js, Socket.io, CodeMirror, Docker, React-Toastify

## Blockchain Certificate Verification

November 2024 – December 2024

*Decentralized credential verification.*

- Created decentralized platform for certificate issuance and tamper-proof verification.
- Used Ethereum smart contracts for secure and immutable credential storage.
- **Tech Stack:** Ethereum, Solidity, Web3.js, React

## AI Fitness Tracker

March 2025 – May 2025

*AI-driven personalized workout tracker and planner with Google Fit.*

- Developed fitness app with real-time tracking, AI-based workout planning, and Google Fit integration.
- **Tech Stack:** React, Supabase(PostgreSQL), Google Fit API, AI Models, OAuth2.0

## SeatSure – Smart Restaurant Table Booking System

June 2024 – August 2024

*Real-time restaurant table booking and management platform.*

- Developed platform for real-time table reservation, live availability, and customer management.
- Enabled role-based logins for hotel admins, and consumers.
- **Tech Stack:** HTML, CSS, JavaScript, Xamp, PHP

## Certifications and Badges

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- Introduction to Deep Learning, Introduction to Natural Language Processing – Infosys Springboard
- Prompt Design in Vertex AI Skill Badge – Google
- Programming in Java – NPTEL
- Postman API Fundamentals Student Expert – Postman
- Introduction to Robotic Process Automation – Infosys Springboard
- Linux and SQL – Coursera
- Foundations of Cybersecurity – Coursera
- Google Cybersecurity – Google
- Manage Security Risks, Network and Network Security – Coursera
- Assets, Threats, and Vulnerabilities – Coursera
- Data Analytics Job Simulation – Deloitte Australia
- Identifying Database Workloads, Advanced Schema Design Patterns – MongoDB
- Modeling Data Relationships, Schema Design Patterns – MongoDB

## Achievements

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- Presented technical paper named “**A Hear-Through Augmented Reality (AR) Empirical Study: To Generate Spatialized Audio by Bone Conduction**” at academic forums like PAPYRUS and YUKTHI-2k24.
- Published Paper named “**Autocharge: Automatically Charge Smartphones Using a Light Beam**” at IJCRT Publications.
- **Runner-Up** at HackTechFusion 3.0, 24-Hours Hackathon, applied problem-solving skills and innovation.
- Participated in **inSIG 2024 (India School on Internet Governance)** at IIM Bangalore, contributing to discussions on Internet governance and digital policy.
- Participated in **yIGF 2024 (Youth Internet Governance Forum)** at IIM Bangalore, contributing to discussions on Internet governance and digital policy.
- Zonal Level Participant in **Smart India Hackathon 2023(SIH 2023)** and **Smart India Hackathon 2024(SIH 2024)**, applying problem-solving and technical innovation to real-world challenges.
- Organizing team member at **DDCN Bootcamp 2025** and **BWCN Bootcamp 2025** at GITAM Deemed to be University by ISOC Bengaluru, actively contributing to community-driven technology events.
- Organizing team member at **HACKAZURE 2024**, Hackthon conducted by ISOC Bengaluru Chapter.
- Organizing team member and Volunteer at **Startup Domain Summit 2025**, an ICANN event in collaboration with ISOC Bengaluru Chapter at IISc Bengaluru.
- Organizer for “**Kaushalya-Computer Awareness Program**” for Govt.Schools for 4 times under **SS Care Trust, Davangere**