

NITESH R

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Professional Summary

Multidisciplinary and results-driven Full Stack Developer with hands-on experience in Artificial Intelligence, Cybersecurity, and modern web development. Proven expertise in building real-time applications, AI-powered agents, and automation tools. Passionate about delivering secure, scalable, and user-centric software solutions.

Technical Skills

Languages: Python, JavaScript, SQL, HTML5, CSS3

Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, TensorFlow, OpenCV, Scikit-learn, Pandas

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, REST APIs, Docker, LiveKit, mem0, WebSockets

Cybersecurity: OWASP Top 10, Input Validation, Authentication & Authorization, Secure Coding Practices

Soft Skills: Communication, Team Collaboration, Analytical Thinking, Time Management

Education

Bachelor of Engineering in Computer Science & Engineering

Karavali Institute of Technology, Mangalore

CGPA: 8.8

Projects

Nr_ChatSupport – AI-Powered Real-Time Chat Agent

- Developed a real-time AI chat support system using LiveKit Agents SDK and Next.js.
- Integrated memory-augmented RAG (mem0) for contextual conversation continuity.
- Supported modular integration with LLMs like OpenAI, Groq, and OpenRouter.
- Built a responsive frontend with real-time communication using WebSockets.

LinkedIn-Automation – Python Script for Automating LinkedIn Interactions

- Created a Python-based tool to automate LinkedIn tasks like sending connection requests and logging activity.
- Designed reusable configuration options for message customization and resume attachment.
- Maintained CSV logs and integrated error handling for reliable execution.

Superbikes & Bike Registration – Web App for Bike Listings & Registration

- Developed a full-stack web app combining bike listing and registration functionalities.
- Built UI with React/Next.js and backend services to handle registrations and API endpoints.
- Implemented form validation, RESTful APIs, and ensured modularity across the system.

Internship Experience

Junior Python Developer Intern – Coders Boutique, San Francisco Bay Area (Aug 2025 – Present)

- Assisted in backend development with reusable Python modules.
- Collaborated on REST APIs, unit testing, and Git version control.
- Contributed to agile sprints and project planning.

AI/ML Intern – IBM, Bengaluru (Oct 2024 – Apr 2025)

- Built a sentiment analysis pipeline using NLP and Python.
- Applied ML models using Scikit-learn and visualized data with Matplotlib.

Additional Skills

- Fast Learner with a Growth Mindset
- Strong Organizational & Leadership Skills
- Multilingual: English (Professional), Hindi & Kannada (Native)