

NILAMBIKA GORNALE

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PROFESSIONAL SUMMARY

Results-driven Computer Science and Engineering student and Software Developer with a proven track record of building scalable, AI-integrated web applications. Experienced in optimizing system performance, having successfully improved frontend load times by 35% and reduced API response times by 40%. Passionate about leveraging secure authentication, responsive UI, and API-driven architectures to deliver impactful digital solutions.

TECHNICAL SKILLS

- **Language:** Java
- **Frontend:** HTML, CSS, JavaScript, React.js
- **Backend:** JDBC, Hibernate, Spring Boot, Node.js
- **Database:** SQL, MySQL
- **Tools:** Git, GitHub, VS Code
- **Soft Skills:** Communication, Time Management, Teamwork, Adaptability

EDUCATION

Bheemanna Khandre Institute of Technology, Bhalki, Karnataka
Bachelor of Computer Science and Engineering | CGPA: 8.7/10

Aug 2022 – May 2026

EXPERIENCE

Java and Python Full Stack Developer (Intern) | Vstand4U Solutions | Jan 2026 – Present

- Implemented backend functionalities using Java and JDBC, managing data processing and storage for core modules.
- Built Java applications using core Java and OOP concepts like classes, inheritance, and encapsulation.
- Created responsive user interfaces using HTML, CSS, and JavaScript for better mobile compatibility
- Wrote SQL queries in MySQL for CRUD operations to manage user data accurately.

PROJECTS

Multi-Document Chatbot

- Developed an AI-powered web platform to detect and retrieve relevant information from multiple documents using natural language queries, delivering fast and intelligent information access through a chatbot interface.
- Implemented semantic search using Sentence Transformers and ChromaDB vector embeddings for context-aware document retrieval, achieving 90%+ accurate query responses and seamless multi-file interaction.
- Technologies: Python, LangChain, Groq API, Cohere API, ChromaDB, Sentence Transformers, Vector Embeddings

LifeLedger A Secure Digital Vault

- Developed a secure full-stack digital vault for storing and managing critical family documents with AES encryption, MFA/OTP authentication, and nominee-based access control. Built RESTful APIs using Spring Boot and JDBC, integrated with React.js and MySQL to ensure secure document management and emergency access for authorized users.

COURSEWORK

- Cybersecurity MOOC – CySecK Cybersecurity Karnataka.
- Internship Certificate – Vstand4u Solutions Bangalore.