

PRATIKSHA BILLUR

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PROFILE SUMMARY

Final-year B.E. Computer Science and Engineering student with strong expertise in Java Full-Stack Development, MERN Stack, C# .NET Backend, and web technologies. Hands-on experience building responsive applications, real-time AI systems, and scalable backend solutions through internships and projects. Seeking Graduate Engineer Trainee / Entry-Level Software Developer roles.

EDUCATION

B.E. Computer Science and Engineering	2022 – 2026
BLDEA's V.P. Dr. P.G. Halakatti College of Engineering & Technology, Vijayapura	CGPA: 8.62
PUC (PCMB)	2020 – 2022
BLDEA's Science College, Jamakhandi	Score: 95.66%
SSLC	2019 – 2020
Kittur Rani Channamma Residential School, Athani	Score: 92.96%

TECHNICAL SKILLS

- **Programming Languages:** Java, C#, Python, JavaScript
- **Backend & Frameworks:** .NET Framework, Node.js, Express.js
- **Frontend & Web:** React.js, HTML, CSS, RESTful APIs
- **AI / Machine Learning:** TensorFlow, OpenCV, MoveNet, CNN, LSTM, Bi-LSTM
- **Databases & Tools:** MySQL, MongoDB, Git, GitHub, VS Code, Jupyter Notebook, Streamlit

PROJECTS

Medical Gesture-Based Patient Communication System Python, TensorFlow, OpenCV, Streamlit

- Developed real-time AI system using MoveNet pose estimation and Bi-LSTM for gesture classification
- Converted gestures to medical text and speech output with 92.8% accuracy and low-latency CPU execution

Digital Land Survey System (Epicthon Hackathon) React.js, Leaflet.js, Node.js

- Built interactive geospatial visualization, land boundary mapping, and real-time data synchronization
- Presented at Shetty Group of Institutions, Gulbarga

AI Image & Video Enhancement Tool (Hack2Future 2024)

- Implemented super-resolution for images/videos using Real-ESRGAN and FILM frame interpolation
- Created optimized batch-processing pipeline

Student Feedback & Analytics System Java Full-Stack

- Developed secure authentication, role-based access control, feedback submission, and admin analytics dashboards

INTERNSHIP EXPERIENCE

Software Development Intern (C# .NET Backend & MERN Full-Stack) Jan 2026 – Present

Loginware Softtec Pvt. Ltd., Bengaluru

- Developing scalable backend systems using C# and .NET Framework for enterprise web applications
- Building and maintaining RESTful APIs, business logic layers, and database integrations
- Working on full-stack features with React.js and Node.js
- Collaborating on secure, performant web solutions with focus on both backend architecture and UI/UX improvements

Machine Learning Research Intern May 2024 – June 2024

Varcons Technologies Pvt. Ltd.

- Performed data preprocessing, model training/optimization, evaluation, and Git-based documentation

HACKATHONS & EVENTS

- Epicthon Hackathon 2025 – Digital Land Survey Project
- Top 40 Finalist – Hack2Future 2024 (IIIT Dharwad)
- Project Presentation – Shetty Group of Institutions, Gulbarga
- Attended TCS TechBytes 2025 on AI and emerging technologies

LANGUAGES

English · Kannada (Native) · Hindi (Conversational)

INTERESTS

Software Development · .NET & C# Development · Java Frameworks · Artificial Intelligence · Machine Learning · Web Development · Data Analytics