

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