

SHASHIKALA S R

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SUMMARY

Information Science and Engineering student with experience in backend development, and full-stack technologies. Skilled in Java, MongoDB, HTML, SQL and CSS, with a strong interest in building scalable applications and AI-driven solutions. Passionate about problem-solving, software development, and learning modern technologies to create impactful and efficient solutions.

TECHNICAL SKILLS

- Languages: Java, C, Python.
- Frontend: HTML5, CSS3, JavaScript.
- Backend: JDBC, MVC Architecture, Lombok.
- Database: MongoDB, SQL.
- Tools: Postman, GitHub, VS Code.
- Soft Skills: Time Management, Team Collaboration, Leadership.

EXPERIENCE

Software Intern | X-Workz – Bangalore

Jan 2026 – April 2026

- Developed Java-based applications using core OOPs concepts such as Encapsulation, Inheritance, and Polymorphism and Exception Handling.
- Improved problem-solving and debugging skills by working on real-time coding challenges and optimizing code efficiency.

Java Full Stack Developer Intern | Besant Technologies - Bangalore

April 2026 – June 2026

- Learning and implementing Advanced Java, SQL, HTML, CSS, and JavaScript concepts through hands-on projects.
- Gaining hands-on experience in programming, database concepts, and front-end web technologies through practical exercises.

PROJECTS

Project Management Tool | [Link](#)

- Developed a role-based Project Management Tool using MongoDB, Express.js, React.js, and Node.js (MERN Stack).
- Implemented authentication, CRUD operations, task management, file uploads, and responsive dashboards.

Brain Tumor Detection Using CNN and Vision Transformer | [Link](#)

- Developed an automated MRI brain tumor detection system using CNN and Vision Transformer (ViT) with Python, TensorFlow/Keras, and OpenCV.
- Improved classification accuracy through hybrid CNN-ViT architecture and evaluated performance using confusion matrices and accuracy graphs.

An EEG-Based Braille Interviewing System for the Visually Impaired And Cognitive Assessment using Machine Learning

- Developed a JS-based quiz app integrated with EEG sensors to assess cognitive response in blind learners.
- Collected brain signals during quiz interactions to evaluate focus and learning patterns. Applied machine learning to personalize Braille learning based on EEG-based cognitive feedback.

EDUCATION

Bapuji Institute of Engineering Technology, Davangere (VTU)

Dec 2022 – May 2026

Bachelor of Engineering (B.E.) in Information Science | CGPA: 9.3

Dr. TF PU College For Girls, Davangere | 12th (PCMB) | 91.17%

June. 2021 – May 2022

Sri Vinayaka Trust High School, Davangere (KSEEB) | 10th | 93.28%

June. 2019 – April 2020

CERTIFICATIONS

- Programming in Java- [NPTEL](#)
- Python Programming - [Great Learning](#)
- TCS iON Career Edge – Young Professional – [TCS iON](#)
- Power BI for Beginners- [Simplilearn](#).

ACHIEVEMENTS

- Secured Rs.3 lakh in funding for innovative idea - a Braille Literacy Device – under the NAIN 2.0 (Karnataka Startup) initiative.
- Won First Place in Project Presentation at NAIN 2.0