

JAYRAJ BORATE

+917447292498 jayrajgborate11@gmail.com LinkedIn GitHub Website





Education

Vishwakarma Institute Of Technology, Pune <i>B.Tech in Electronics and Telecommunication Engineering</i>	2021 – Present <i>CGPA: 8.63</i>
TMC Jr. College, Kolhapur <i>HSC</i>	2019 – 2021 <i>Percentage: 93.33%</i>
Vishwajyot International School, Phaltan <i>CBSE</i>	2014 – 2019 <i>Percentage: 81.40%</i>

Coursework

- Object Oriented Programming
- Database Management System
- Computer Networking
- Advanced Data Structures
- Operating Systems
- Web Technology

Projects

Blogger - AI-Integrated Blogging App <i>MERN Stack, Gemini, Imagekit</i> 	Aug 2025
<ul style="list-style-type: none">• Developed and hosted an end-to-end AI-powered full stack blogging platform.• Automated content and thumbnail generation using Gemini API, delivering results under 10s.• Achieved 2x faster image fetch times by real-time optimization utilizing Imagekit.• Minimized database storage requirements by reducing per-record size from 1mb to 100kb, saving 90% storage.• Expanded platform with an admin dashboard featuring publish and approval controls, cutting moderation time by 3x.	
GoRail - E-Ticketing System <i>ReactJS, TailwindCSS, NodeJS, ExpressJS, MongoDB</i> 	Feb 2025
<ul style="list-style-type: none">• Developed and deployed an end-to-end full stack e-ticketing system app.• Optimized UI rendering with Vite, achieving a 0.8s load speed for a smoother user experience.• Structured backend with MVC architecture, reducing bug fixes by 20% during testing.• Integrated admin and user panels for train management, pricing, ticket booking, and cancellations.• Added search and filtering functionalities for quick train selection and seamless booking.• Engineered multi-passenger booking with appropriate pricing based on age, gender, and discounts.• Accelerated data retrieval with NoSQL database and automated 7-day train scheduling, reducing repetitive admin effort.	
NewsNow - Daily News App <i>ReactJS, TailwindCSS, Fetch API</i> 	Aug 2024
<ul style="list-style-type: none">• Built a daily news app using React and the News API to provide top headlines across the globe.• Streamlined fetching real-time news from a 3rd-party News API, enabling users to search across a variety of topics.• Implemented a real-time news search and filter feature, achieving an average response time of 100-200ms.	
Pharmacy Management System <i>OOP, Java, Java Swing, MySQL</i> 	Jan 2023
<ul style="list-style-type: none">• Led a team of 4 members to develop a pharmaceutical inventory management system using Java and MySQL to facilitate inventory management.• Designed a GUI using Java Swing, ensuring user-friendly patient data tasks and stock management.• Executed backend connectivity through JDBC drivers for MySQL, averaging 15ms per read-write operation.	

Technical Skills

Languages: C++, Java, Python, SQL, HTML/CSS, Javascript
Developer Tools: VS Code, Git, GitHub, MongoDB Compass, Postman, Vercel, Render
Technologies/Frameworks: Linux, Vite, ReactJS, TailwindCSS, NodeJS, ExpressJS, NPM

Certificates

IBM Full Stack Software Developer <i>Professional Certificate - Coursera</i>	Oct 2024
Certificate of Achievement – Top 5 <i>Codeflix Hackathon</i>	May 2023 <i>CSI - Computer Society of India, VIT Pune</i>