

VINAY BHASKAR CHITTURI

Full Stack Developer

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Summary

Software Engineering professional with experience in development, maintenance, troubleshooting, testing, and optimization of software applications. Skilled in React.js, JavaScript, Node.js, REST APIs, workflow automation, and responsive web development. Experienced in debugging applications, resolving technical issues, improving performance, and collaborating with engineers and teams to deliver reliable software solutions.

Work Experience

Full Stack Developer | Vaarush Technologies | March 2024 – June 2026

- Developed and maintained responsive web applications using React.js, JavaScript, HTML, CSS, Bootstrap, and Tailwind CSS.
- Supported backend integration, application deployment, troubleshooting, bug fixing, and performance optimization.
- Improved application responsiveness, software quality, and user experience across multiple client projects.
- Collaborated with developers and clients to gather requirements, resolve technical issues, and deliver scalable solutions.
- Performed testing, debugging, maintenance, deployment, and API integration for web applications.
- Designed and integrated RESTful APIs using Node.js and Express.js for seamless frontend-backend communication.
- Built reusable React components to improve code maintainability and accelerate feature development.
- Developed AI-powered chatbot features using Large Language Model (LLM) APIs such as OpenAI and Google Gemini to automate customer support and user interactions.
- Integrated AI-based content generation features for text creation, FAQs, and intelligent search capabilities.
- Implemented authentication and authorization using JWT and role-based access control for secure applications.
- Optimized application performance through lazy loading, code splitting, image optimization, and efficient state management.
- Integrated third-party APIs including payment gateways, email services, maps, and cloud storage solutions.

Skills

Programming Languages: JavaScript, HTML5, CSS3

Frontend: React.js, Bootstrap, Tailwind CSS, Responsive Design

Backend: Express.JS, Firebase, REST APIs, API Integration

Databases: MongoDB, MySQL

Tools: Git, GitHub, Postman, Netlify, Render, Hostinger, n8n

Other: Troubleshooting, Testing, Debugging, Optimization, Maintenance, Workflow Automation

Soft Skills: Problem Solving, Communication, Team Collaboration, Analytical Thinking, Attention to Detail

Projects

Web Development Projects

Developed and maintained client websites using React.js, JavaScript, HTML, CSS, Bootstrap, and Tailwind CSS while supporting optimization, troubleshooting, deployment, and maintenance activities.

Datla Hospital

Website: www.datlahospital.com

- Developed a responsive healthcare website using React.js, JavaScript, HTML5, CSS3, and Bootstrap.
- Designed patient-focused pages for hospital services, doctors, facilities, and contact information.
- Optimized website performance, mobile responsiveness, and SEO fundamentals.
- Assisted with deployment, maintenance, and content updates.

Tech Stack: React.js, JavaScript, HTML5, CSS3, Bootstrap

Vigneswara Travels

Website: www.vigneswaratravels.com

- Built a travel and transportation website with service listings and inquiry functionality.
- Implemented responsive UI components to improve user experience across devices.
- Integrated contact forms and customer inquiry workflows.
- Performed website optimization and ongoing maintenance.

Tech Stack: React.js, JavaScript, HTML5, CSS3, Bootstrap

Andhra Children Hospital

Website: www.andhrachildrenhospital.com

- Developed a pediatric healthcare website with a user-friendly and accessible interface.
- Created pages for specialties, medical services, doctors, and patient information.
- Improved navigation and mobile responsiveness for better accessibility.
- Managed content updates and performance enhancements.

Tech Stack: React.js, JavaScript, HTML5, CSS3, Bootstrap

S Furniture Village

Website: www.sfurniturevillage.com

- Designed and developed a modern furniture showcase website.
- Created responsive product galleries and category-based navigation.
- Enhanced visual presentation and user engagement through optimized layouts.
- Supported deployment and ongoing website maintenance.

Tech Stack: React.js, JavaScript, HTML5, CSS3, Bootstrap, Tailwind CSS

Kognivex

Website: www.kognivex.in

- Developed a corporate business website highlighting company services and solutions.
- Implemented responsive UI components and lead-generation contact forms.
- Optimized website performance and ensured cross-browser compatibility.
- Assisted in deployment and post-launch support activities.

Tech Stack: React.js, JavaScript, HTML5, CSS3, Tailwind CSS

Euro International

Website: www.eurointernational.us

- Built a professional business website for international clients and partners.
- Developed responsive pages showcasing products, services, and company information.
- Improved website loading speed and mobile usability.
- Provided ongoing maintenance and content management support. Tech Stack: React.js, JavaScript, HTML5, CSS3, Bootstrap

Email Spam Detection using Machine Learning

Built a machine learning model to classify spam emails using text classification and validation techniques.

Arduino Drone (Quadcopter)

Developed a quadcopter drone system using Arduino microcontrollers for stabilization and control.

Education

B.Tech in Computer Science & Engineering | 2023

Raghu Engineering College, Visakhapatnam, Andhra Pradesh

Intermediate in MPC | 2019

Ascent Junior College, Visakhapatnam, Andhra Pradesh

10th in CBSE | 2017

MP & EV English Medium School, Visakhapatnam, Andhra Pradesh

Certifications

- Front-End Developer Internship – Suven Consultants
- AI-ML Virtual Internship – Eduskills
- Java Full Stack Developer Certification – Tech Mahindra
- National Service Scheme (NSS) Certificate – JNTUK

Publications

- Email Spam Detection Using Machine Learning Algorithms – Industrial Engineering Journal (UGC)