Rupesh Bhadane

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Education

Sinhagad Academy of Engineering, Pune   August 2023 – May 2026
B.E in Computer Engineerning   GPA: 3.7/4.0
  ◦ **Coursework:** Artificial Intelligence, Data Structures and Algorithms, Database Systems, Advanced Data Science, OOP

K.K.Wagh Polytechnic, Nashik   August 2020 – May 2023
Diploma in Computer Technology   GPA: 4.0/4.0

Skills

Languages : C, C++,C#, Java, Kotlin, Python, JavaScript, TypeScript, SQL, HTML, CSS, PHP, GoLang
Frameworks : Node.js, Express.js, Django, React.js, Next.js, Springboot, Angular, Tailwind, Three.js Material-UI, Panda, Tensorflow, GSAP, npm, Lazy Loading, Responsive Design, Figma, WebGL
Databases : MySQL, MongoDB, Postgres, Firebase
Tools: Docker, Postman, Salesforce, Git/GitHub, OAuth2.0, JWT, AgileEnvironment, VSCode, EmailJS, Bolt.New, Lovable, ChatGpt, Perplexity, Android Studio.
CloudServices: AWS, GitLab CI/CD, Firebase

Experience

Software Development Intern   Pune, MH, India
Xmega.   Jan 2025–Mar2025
  ◦ Developed and deployed a full-stack E-commerce application for a client using React, Node.js, and MySQL, improving user experience and enabling smooth online transactions.
  ◦ Guided student teams on their capstone projects by handling both frontend and backend development, accelerating project completion and enhancing code quality.
  ◦ Optimized APIs and database operations, reducing server response time by 18% and ensuring scalability for future feature integration

Web Developer Intern   Nashik, MH, India
SachiTech Pvt.ltd   Jun 2022 – Oct 2022
  ◦ Collaborated with a team of 2 interns to design, develop, and enhance the organization's official website using HTML, CSS, JavaScript, and React, improving overall UI/UX and site performance.
  ◦ Debugged and resolved issues in multiple ongoing company projects, reducing software errors by 20% and ensuring smooth deployment of new features
  ◦ Contributed to cross-functional development tasks, streamlining workflows and strengthening project delivery timelines through effective teamwork and problem-solving.

Projects

Opacity Social - Project Management Platform
Skills: Android, Kotlin, Firebase, Project Leadership, Collaboration Tools, Real-Time Systems
  ◦ Led a 4-member team to develop a mobile project management platform with real-time tracking, file sharing, and collaboration tools, enhancing student productivity and team coordination.
  ◦ Adopted by college staff for cultural event coordination, reducing mismanagement issues and boosting organizational efficiency across multiple teams.
  ◦ Deployed across the entire campus, where students used it to manage their final-year projects, making project tracking and submissions more streamlined and transparent.

Eco-Swap - Waste Reduce & Item Swapping platform
Skills: React, Node.js, Express.js, Firebase, Python (ML), Sustainability Solutions, Team Leadership
  ◦ Led a 4-member team to design and develop EcoSwap, a sustainability-driven platform that enabled students to swap, borrow, and donate items, reducing campus waste and cutting student expenses.
  ◦ Built secure exchange features and AI-powered recommendations with React, Node.js, Firebase, and Python, ensuring smooth transactions and increasing successful matches by 25%
  ◦ Executed with strong organizational support, facilitating charity donations, organized swap events, and measurable environmental and financial benefits to the student community.

Research Papers

  ◦ Published research on **"AI as a Collaborative Tool: Enhancing Workplace Efficiency Without Replacing Human Jobs",** highlighting how AI can enhance workplace efficiency, augment human capabilities, and promote ethical human-AI collaboration. **-** IJSREM (Apr 20, 2025)
  ◦ Published research paper **"Social Productivity Platform: A Study of Collaboration, Communication and Productivity"**, analyzing how the Opacity Social Android app improves team collaboration, communication, and project management efficiency.- IJSREM (Apr 4, 2023)

Certifications

Udemy - JAVA Programming , Full Stack Development, React Crash Course, Mastering AWS Serverless. **30DC** - Master MERN stack, Use of AI Tools

Achievements

  ◦ Won two inter-college project competitions for innovation and usability for Opacity Social, highlighting leadership, technical skills, and project execution excellence.
  ◦ Received "Outstanding Intern" recognition at Sachitech Pvt. Ltd. for exceptional contribution to web development and bug resolution across multiple organizational projects.