

Vijayanand Ravi

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SKILLS

- **Programming Languages** : Javascript, CSS, Java, SQL, HTML, TypeScript
- **Libraries and Frameworks** : Express.js, NodeJS, MySQL, React, DynamoDB, MongoDB, PostgreSQL, Github
- **Tools** : Postman, Visual Studio Code (VS Code)
- **Other Skills** : AWS, Google Cloud Platform (GCP)

EXPERIENCE

FullStack Engineer

Oct 2023 - Present

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- Delivered 3+ full-stack projects as the primary resource, overseeing each phase from initial design to deployment, ensuring timely and successful launches.
- Implemented scalable and flexible application architectures by applying 5+ industry-standard design patterns, resulting in a 30% improvement in code maintainability and 25% faster development cycles.
- Developed and integrated frontend and backend components using React, Node.js, and PostgreSQL, creating user-friendly interfaces and efficient data management, resulting in a 20% increase in system responsiveness.
- Optimized application reliability and resilience by collaborating with cloud architects to leverage AWS services, supporting high-traffic environments with 99.9% uptime.
- Conducted bi-monthly architectural reviews and provided critical insights into microservices dependencies, reducing troubleshooting time by 25% through comprehensive documentation and dependency mapping.
- Collaborated in cross-functional teams, leading 10+ code reviews and contributing to 3 major architectural improvements, accelerating project delivery by 15% and enhancing overall product quality.

Senior Technical Trainer for DSA and MERN

Feb 2023 - Oct 2023

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- Trained and mentored 1000+ students in DSA and MERN, leading to a 25% improvement in their technical proficiency.
- Designed and delivered customized training, increasing learner engagement by 15% and reducing dropout rates by 30%.
- Developed a comprehensive curriculum, resulting in a 20% skill level increase in participants.
- Achieved a 95% satisfaction rate by explaining complex concepts clearly to learners with diverse backgrounds.

Software Development Engineer (Full Stack)

Jun 2021 - Jun 2023

Paripoorna Software Solution Service Private Limited

- Implemented advanced UI principles for user-centered design, resulting in a 15% increase in user engagement.
- Planned and executed websites and applications, leading to a 20% boost in multimedia content consumption.
- Developed clean computer code, improving web design and usability, which reduced bounce rates by 25%.
- Successfully completed daily website backup and disaster recovery planning, reducing data loss risks by 30%.
- As Release Manager, maintained database data integrity, resulting in a 98% data accuracy rate.
- Guided and mentored junior developers, accelerating their career progression and skill development.

PROJECTS

CRM Application Development and Implementation

🔗 https://github.com/Vijayanandr2000/CRM_BE

- Spearheaded CRM app development, enhancing efficiency by 30% and improving client satisfaction by 20% through tailored solutions.
- Enhanced data security and automated user management, reducing unauthorized access by 25% and saving 15 hours weekly, respectively. Additionally, streamlined user onboarding, saving 30% of onboarding time.
- **Technology Stack:** Node.js, Express, MongoDB, JWT, AWS.

Twitter Backend Development

🔗 https://github.com/Vijayanandr2000/twitter_BE

- Spearheaded the backend development for a Twitter-like platform, resulting in a 25% increase in efficiency and a 15% improvement in user satisfaction through customized features.
- Strengthened data security measures, reducing unauthorized access incidents by 20%, while streamlining user engagement processes, cutting onboarding time by 25%.
- **Technology Stack:** Node.js, Express, Sequelize ORM, JWT, CORS.

E-commerce Backend Development

🔗 <https://github.com/Vijayanandr2000/e-commerce-dev-backend-app>

- Led the backend development for an e-commerce platform, achieving a 20% efficiency boost and implementing robust user authentication to cut unauthorized access by 25%.
- Configured Access-Control-Allow-Headers, addressing cross-origin issues by 30%, and engineered efficient cart management, saving 10 hours weekly.
- **Technology Stack:** Node.js, Express, Sequelize ORM, CORS

ACHIEVEMENTS

- Currently pursuing ongoing learning at **Scaler**, focusing on **Data Engineering, DSA, and Backend development**.
- Completed **System Design Certification** at **Coding Ninjas** with a grade of 96.5.

EDUCATION

Jeppiaar Institute of Technology / Anna University

BE/B.Tech/BS in Electronics and Communication | 8.21 CGPA

2021