RakeshVanam

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WORK EXPERIENCE

5th Dimension Technologies   Dec 2024 – Present
Full Stack Developer Intern   *Hyderabad, India*

- Developed a **responsive web application** using Next.js and TailwindCSS, improving user engagement by 25 percentage
- Collaborated with a team of 4 to implement a **RESTful API** using **Node.js** and **Express**, ensuring seamless data flow between the frontend and backend.
- Optimized database queries in MongoDB, reducing query response time by 30 percentage.
- Integrated **JWT-based authentication**, securing user access for **1000+** accounts.
- Participated in **Code reviews** and followed **Agile methodologies**, improving code quality and development efficiency.
- Deployed the application on **AWS EC2** , ensuring scalability and 99.9 percentage uptime.

EDUCATION

SR UNIVERSITY, Warangal, Telangana   Aug 2020 – May 2024
Bachelor of Technology in Computer Science   *CGPA: 7.7 / 10.0*

PROJECTS

SPIRON.AI | *React, PostgreSQL, Tailwind CSS, NodeJs*   GitHub | Live Link
- Spiron AI grows to be the most **cutting-edge web application** ever developed to take **website interactions** and **sales processes** to the next level of sophistication, armed with **advanced AI** and **instinctive features**.
- This project packs a host of **functionalities** oriented at **smoothing user experience** and **enhancing engagement**, hence acting as a strong tool to **help businesses optimize** their presence online.
- Spiron AI features includes Automated AI sales rep (AI chatbot), Books appointments and processes payments, Real-time chat (manual/automated), Calendar widget for bookings, Integrates with Stripe for payments, Simple email marketing, Financial dashboard, Custom login/signup with OTP, Light/dark mode toggle, Feature control settings, Restrict features by plan
- Built using React.js, Node.js (Express), AWS E2, PostgreSQL and JWT authentication, ensuring scalability and performance.

FASTGRID | *React, Tailwind CSS, Vite*   GitHub | Live Link
- FastGrid is an **interactive** and **innovative** web-based game for the enhancement of **cognitive skills** through **multiple interactions** on the platform.
- The structure of the game, such that with **increasing difficulty levels** it would pose a **challenge to the player**, would benefit him in **enhancing skills** and **providing a great user experience**.
- This project shall emphasize my technical skills, creativity in **solving real-world problems**, and commitment to quality delivery of the digital experience.

SKILLS

Languages : JavaScript (ES6+), HTML5, CSS3, Java, Node.js, Python.
Frameworks/Libraries : React.js, Next.js, ExpressJs, RESTful API, Tailwind CSS, shadcn, Material-UI, BootStrap, Framer Motion, JQuery
Developer Tools : Git, GitHub, VS Code, Postman, Vercel, Netlify, Jest.
Cloud / Databases / Tech-Stack : PostgreSQL, MySQL, MongoDB, AWS Services, Azure Services, Docker.

ACHIEVEMENTS

- Secured a **Global Rank 3563** among 40000+ participants in the **LeetCode** weekly contest and **Solved 350+ problems** on various coding platforms.
- Selected as one of the teams among 400+ other teams for **SRU Hackathon** 2022 Finals for developing an **Ingredient-based Food Recommendation System Using Deep Learning**.
- Developed **12** Websites on Frontend Mentor.