SILPA DAS N

Full Stack Developer

GitHub | LinkedIn | Portfolio

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Kozhikode,Kerala

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SKILLS

- **Frontend Development**: HTML5, CSS3, Javascript, React, Typescript, Redux
- **Backend Development**: Node.js, Express.js, MongoDB, Mongoose, API Integration
- **Other Technical Skills**: Tailwind CSS, Bootstrap, Figma
- **Version Control**: Git, GitHub
- **Soft Skills**: Self-Learner, Team Collaboration, Effective Task Management

PROFESSIONAL EXPERIENCE

Intern | Bridgeon Solutions   2024 July -Present

- Developed responsive and user friendly web applications using React.js, Node.js, Express.js, and MongoDB enhancing performance and user engagement.
- Maintained and optimized RESTful APIs for seamless frontend-backend communication.
- Utilized Context API & Redux Toolkit for efficient state management and scalable architecture.
- Enhanced design workflow with Bootstrap and Tailwind CSS, ensuring consistency and faster UI development.
- Teamed up to develop features, resolve issues, and enhance performance for efficient development.
- Used Git and GitHub for version control, collaboration, and efficient project tracking.
- Followed SCRUM with daily stand-ups and sprints, improving teamwork and agile workflow.
- Ensured quality outcomes by efficiently organizing and prioritizing tasks to meet deadlines.

PROJECTS

Intellecta - AI Powered Learning Platform   Client | Server

- Contributed to the development of an AI-powered learning platform delivering personalized and adaptive learning experiences using the MERN stack and TypeScript.
- Used microservices architecture to modularize the platform into scalable, maintainable services.
- Implemented secure authentication with both Google OAuth and traditional email-password login.
- Built adaptive learning paths with Gemini AI based on students' initial assessments.
- Integrated an AI tutor assistant (chatbot) to provide real-time support and concept explanations for students.
- Built interactive learning games with points, badges, and leaderboards to enhance student engagement.
- Enabled personalized learning through dynamic study materials and interactive quizzes.
- Created real-time performance dashboards to monitor, analyze, and visualize each student's learning progress.

Fixmate - Local Service Finder Platform   GitHub

- Built a responsive MERN-based service booking app for seamless provider discovery and booking.
- Integrated email and Google authentication to ensure secure and seamless login experiences.
- Developed a role-based access system to ensure customized functionalities for users, providers and admin.
- Integrated an interactive Leaflet.js map for locating nearby providers with dynamic location updates.
- Built a booking system with provider availability using React Calendar for single and multi-day scheduling.
- Integrated Razorpay for secure, seamless payments with multiple options.
- Integrated Nodemailer for secure email-based password resets using verification links.
- Designed **dashboard** for providers to efficiently manage bookings, review user details, and update booking status.
- Enabled admins with full control to add, update, block, delete, and monitor users, providers, and bookings.

Step Whispher - A Shoe E-Commerce plathfom   GitHub

EDUCATION

- **APJ Abdul Kalam University**   2020-24
  B.Tech - Computer Science and Engineering
  CGPA - 8.28

- **Higher Secondary Education**   2018-20
  Computer Science