BALA SUBRAHMANYAM DUSANAPUDI

Full Stack Developer

subbudusanapudi@gmail.com | +919392877127 | D.no 1-107, Near Panchayat, Serepalem, Mogaltur, WestGodavari district, AndhraPradesh.

EDUCATION

Swarnandhra College of Engineering and Technology Sitharampuram, West Godavari, AndhraPradesh
Computer Science and Engineering Bachelors   September 2020 - April 2024
CGPA: 8.18

Sri Surya Junior College   Narsapur, West Godavari, AndhraPradesh.
MPC Intermediate   June 2018 - March 2020
Percentage: 95.8%

Viveka English Medium High School   Mogaltur, West Godavari, AndhraPradesh.
Degree in S.S.C
CGPA: 9.5

EXPERIENCE

Free Lancer | Full-Stack Web Developer   Remote | July 2023 - April 2024

As a highly skilled Java Full Stack and MERN Stack developer, I specialize in delivering end-to-end web and application development solutions. With expertise across both front-end and back-end technologies, I create dynamic, responsive, and scalable applications tailored to client needs.

- Front-End: Next.js, React.js, JavaScript, Tailwind CSS, server-side rendering (SSR), static site generation (SSG)
- Back-End: Node.js, Express.js, Java (Spring Boot, JPA)
- Databases: MongoDB, MySQL
- APIs & Microservices: RESTful APIs, WebSockets

VTS | Full-Stack Web Developer   Chennai | April 2024 - October 2024

- Front-End: React.js, Next.js, JavaScript, Tailwind CSS, server-side rendering (SSR), static site generation (SSG)
- Back-End: Node.js, Express.js, API development (REST, GraphQL)

SKILLS

Programming Languages:	C, Java, Python, Html, css
Libraries/Frameworks:	Javascript, React.js, Next.js, Spingboot
Tools / Platforms:	Git, Git hub, VS Code, Eclipse
Databases:	SQL, MongoDB

PROJECTS / OPEN-SOURCE

VTS Assessment Portal   *MERN stack*

- Developed an assessment platform that allows the admin team to create assessments, upload student data, and automatically generate unique assessment links for individual students.
- Implemented a proctoring system to track and report student malpractice during exams, providing a detailed analysis of actions such as tab switching or copying attempts.
- Created an admin panel for easy management of student data, including resetting exams and generating reports.
- Tools & Technologies: MERN stack, AWS, JavaScript, Node.js, MongoDB.

VTS Employee Management System   *MERN stack*

- Designed and developed a system to manage employee attendance, task assignments, and document storage (payslips, offer letters, form-16, etc.).
- Enabled document storage and retrieval for HR, allowing employees to access and download their documents in a secure manner.
- Implemented features for tracking task progress and performance reporting.

VTS Payroll Generator *MERN stack*
- Created a complex payroll application for the HR team, automating salary calculations based on employee attendance, loss of pay, and other deductions.
- Integrated this system with the Employee Management System for real-time data synchronization.
- Automated payslip generation and direct delivery to employee emails.

B2BHub India *MERN stack*
- Developed an admin portal for monitoring and managing B2B activities like invoicing, payment tracking, and order delivery.
- Provided BA teams with tools to generate reports, manage invoices, and track delivery orders, improving the efficiency of business operations.
- I was fully involved in the backend development of a business-to-business project using the MERN stack. I tackled security challenges by implementing JWT tokens for authentication. To enhance security, users were blocked for up to 5 hours after multiple unsuccessful login attempts. I also integrated Server-Sent Events (SSE) to implement real-time notifications.

Commercial Document Generator *MERN stack*
- Built an application for generating a variety of commercial documents, including sales invoices, GST invoices, purchase orders, and delivery challans.
- Automated the generation and management of critical business documents, saving time and reducing human error.

Insurance Plateform *Spring Boot Framework, ReactJs*
- Our insurance platform allows users to easily explore the benefits of various insurance policies and apply for the ones that best suit their needs. Heres how it works:
- Explore and Apply: Users can browse available policies, understand the benefits of each, and apply directly through the platform.
- Agent Assistance: Once an application is submitted, one of our agents will reach out at a convenient time for you.
  Verification and Approval: After the agent verifies all necessary documents, your application will proceed for final admin approval.
- The platform is built with a robust security framework, including JWT authentication and automated email notifications to keep you updated throughout the process.