SELVIN PAULRAJ K

selvinpaulgomathi@gmail.com | +91 91762 99049

Portfolio | LinkedIn | Github | HackerRank | LeetCode | CodeChef | GeeksforGeeks

EXPERIENCE

OCTANET SERVICES PVT LTD | Python Development Intern
May 2024 - Jul 2024 | Bhubaneswar, Odisha, India | Remote
- Developed and deployed a predictive model for FutureFunds using **Flask**, enhancing financial insights for over **1000+ users**.
- Full-stack developer – Optimized FutureFunds with **Python, NumPy, pandas** for **ML**, integrated **email** notifications using **yagmail**, & built the front end with **HTML5, Javascript, Firebase.**

VERITECH SOFTWARE IT SERVICES | Web Development Intern
Mar 2024 - May 2024 | Chennai, Tamil Nadu, India | Remote

- Developed a responsive portfolio site with **React** and **Tailwind CSS**, enhancing engagement by 35% and achieving 99.9% uptime on **Vercel**. .
- Implemented a **Google/Generative-AI** chatbot, increasing customer interactions by 40% and cutting response times by 50% .
- Created a 3D interactive landing page with **Next.js 14** and **React-Spline**, boosting engagement by 25% and achieving sub-2-second load times .
- Built a personal **Expense Tracker** with **MERN** stack, streamlining expense management with real-time tracking and dynamic charts

SERVIMOS TECHNOLOGIES PVT LTD | Full Stack Intern
Jul 2023 - Aug 2023 | Chennai, Tamil Nadu, India | On-site
- Developed a **Library Management System** with the **MERN stack** (MongoDB, Express.js, React.js, Node.js), delivering a scalable solution and improving team efficiency .
- Applied academic knowledge to practical development, enhancing software quality and teamwork in a collaborative environment .

PROJECTS

BANK PREDICTION | link
Python | Flask | Pandas | NumPy | Firebase | Tensorflow | HTML | Javascript
- Built a machine learning model that predicts bank deposit and withdrawal dates with **85%** accuracy, analyzing over **1 million** transactions. Integrated with a Flask API, frontend UI, and Firebase authentication .

EXPENSE TRACKER | live
ReactJs | Redux | Tailwindcss | Mongodb | ExpressJs | Tensorflow | Chart Js
- Built a MERN stack expense tracker, processing **1,000+** transactions with real-time data visualization using Redux and Chart.js, optimizing user experience and financial management

PORTFOLIO | live
Next Js | Typescript | Tailwindcss | Framer Motion | Resend | React-email
- Built a responsive portfolio with Next.js, TypeScript, Tailwind CSS, and Framer Motion, showcasing **10+ projects** with smooth animations and **fast load times**

OPEN SOURCE CONTRIBUTION
- Contributed a random dog picture generator project to the " **React Project Ideas** " repository, which contains modern 2024-ready ReactJS projects

TECHNICAL SKILLS

Programming Languages :
- Python • Java • JavaScript • HTML5
- CSS3 • TypeScript

Libraries and Frameworks :
- React • Express Js • Next Js
- Mongoose • CORS • Rest API
- Tailwindcss • Redux • Three js

Tools and Platforms:
- Node Js • VS Code • MongoDB • Git
- Github • Postman • MySQL
- Firebase • Clerk • Spline

HONORS & AWARDS

Hackathons :
- **1st Place** - National Level Hackathon, issued by Alpha College of Engineering
- **3rd Place** - SheInnovates Hackathon, issued by **Women Techmakers Chennai**

Symposium :
- **1st Place** - Website Development, issued by Alpha College of Engineering
- **2nd Place** - National Level Coding , issued by Chennai Institute of Technology

Badges :
- 5-star Problem Solving, 5-star Java, 5-star Python, 5-star 10 Days of JS, 3-star 30 Days of Code on **HackerRank**

CERTIFICATIONS

- Software Engineer - **HackerRank**
- Full-Stack Web Developer - **LinkedIn**
- React Developer - **HackerRank**
- Typescript Essential Training - **LinkedIn**
- Blockchain Developer - **LinkedIn**
- Machine Learning with Python - **IBM**
- Python for Data Science - **IBM**
- Python - **Guvi**

EDUCATION

DMI COLLEGE OF ENGINEERING
B.Tech Information Technology
Jun 2021 - Present
Chennai ,TN,India
CGPA : 7.8

GOVERNMENT HIGHER SECONDARY SCHOOL
Higher Secondary School
May 2021 | Chennai ,TN,India
HSC : 86 %
SSLC: 76 %