

VARUN GOKTE

Full Stack Software Engineer with 1.5+ years of experience building scalable web apps using React, TypeScript, Node.js/Express, Flask, and MongoDB

PERSONAL INFORMATION

Phone Number: +91 9820468029

Email: vsgokte@gmail.com

[LinkedIn Profile](#)

[GitHub Profile](#)

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java

Frontend: React, Tailwind CSS, Material UI, Shadcn/ui, HTML, CSS

Backend & Frameworks: Node.js, Express, Django, Flask, WebSockets

Databases & ORMs: MongoDB, SQL, Mongoose, SQLAlchemy

Testing & Automation: Playwright

Machine Learning / AI: Scikit-learn, TensorFlow, NLTK, OpenAI API

DevOps & Cloud: Docker, Git/GitHub, AWS Elastic Beanstalk, Netlify, Vercel

Tools: Linux, Google Colab, Kaggle, Cursor

WORK EXPERIENCE

Software Engineer – WorkIPO

April 2025 – present

- Developed and enhanced features for an ERP system built with Flask (backend) and React (frontend).
- Fixed bugs and refactored legacy code to improve maintainability and performance.
- Improved reliability by writing Playwright tests, performing QA, and debugging issues across the stack.
- Reviewed pull requests and provided feedback to ensure code quality and consistency.
- Collaborated with teammates in agile sprints, contributing to planning, code reviews, and iterative delivery.
- Streamlined development workflows by maintaining clean code practices and supporting smooth releases.
- Tech Stack: React, Flask, PostgreSQL, Material UI, Tailwind, SQLAlchemy, Playwright

Software Developer – Beacon Trusteeship/Codium Techlabs

February 2024 – March 2025

- Report Building Tool – Built full-stack financial reporting platform
 - Developed drag-and-drop UI for customizable charts, tables, and graphs.
 - Integrated AI analysis (OpenAI API) and multi-API financial data fetching.
 - Enabled saving/loading templates, backend CRUD, and data scraping (Puppeteer).
 - Tech Stack: React, Craft.js, Node.js, Express, Puppeteer, OpenAI API, Probe42 API, Google News API, MongoDB.
- Document Management System (DMS) – React-based financial document platform
 - Implemented authentication, role-based access control, and secure permissions.
 - Built dynamic dashboard and real-time updates via WebSockets.
 - Integrated multiple backend APIs for financial transaction management.
 - Tech Stack: React, Node.js, Express, Shadcn/ui, socket.io, MongoDB.

EDUCATION

B.E. Electronics and Communications Engineering, BITS Pilani, Goa Campus (2023)

ISC 12th Grade, Lilavatibai Podar Senior Secondary School (2019)

PERSONAL PROJECTS

Sentiment Analysis Tool using Machine Learning

Developed a sentiment analysis app leveraging the Natural Language Toolkit (NLTK) and a Naïve Bayes Classifier to classify tweets as positive or negative. Trained the model on a dataset of 10,000 tweets to enhance accuracy and performance. *Tech Stack*: Python, Natural Language Toolkit (NLTK). [GitHub Repository](#)

Blog Website using Django

A blog website with user registration, post creation, and interaction features.

Tech Stack: HTML, CSS, JavaScript, Django, SQLite. Deployed using AWS Elastic Beanstalk. [GitHub Repository](#)

Savings Calculator Website using MERN Stack

A website for income and expenditure tracking. *Tech Stack*: React, Bootstrap, Node.js, Express, JWT. Database: MongoDB. Deployed using Vercel. [GitHub Repository](#)

To-Do List App using React

A React application that renders a to-do list, where users can create tasks, and mark them as completed or unmark them. Deployed using GitHub Pages.

Tech Stack: React. [GitHub Repository](#)

COURSES AND CERTIFICATIONS

Full Stack Software Developer Specialization (IBM and Coursera) (2023): [See Certificate](#)

Mathematics for Machine Learning and Data Science (Coursera) (2023): [See Certificate](#)

Supervised Machine Learning: Regression and Classification (Coursera) (2023): [See Certificate](#)