

Prathik K Gowda

Bangalore, Karnataka | 974051897 | pkgouda459@gmail.com | [LinkedIn](#)

EDUCATION

KLS Gogte Institute of Technology

August 2018 - August 2022

Bachelor of Technology, Computer Science & Engineering

Belgaum, India

Relevant Courses: Data Structures, Object Oriented Programming with Java, Computer Organization, Web Programming, Python Programming, Operating System, Database Management System, Software Engineering, Design and Analysis of Algorithm, Computer Networks, Unix System Programming, Data Warehousing and Data Mining, Artificial Intelligence and Machine Learning, Compiler Design, Mobile Computing and Mobile Application Development.

SKILLS

Programming Languages: Java, C++, Python, JavaScript

Databases: MySQL, PostgreSQL, MongoDB

Web Development: Angular, ReactJS, Redux, RESTful APIs, HTML

OS & Version Control: Windows, Linux, Git

CSS Frameworks: Spring Boot, Next.js, Spring Security, NodeJS

Cloud: Amazon Web Services, Microsoft Azure

WORK EXPERIENCE

Programmer Analyst

October 2022 - Present

Cognizant Technology Solutions

Bengaluru, India

- Involved with designers and developers to execute creative, visually stunning, front-end Grids for web-based applications and websites/portal
- Designed test cases using SQL scripts and validating data from a variety of heterogeneous sources for the backend database testing
- Mentored new analysts during onboarding as well as pair programming sessions.

Programmer Analyst Intern

March 2022 - July 2022

Cognizant Technology Solutions

Bengaluru, India

- Designed and developed a user-friendly dummy website using HTML5, CSS3, and JavaScript, serving as a communication point for users.
- Achieved optimum results by customizing the product to fit the specific needs of different offices and organizations.

Machine Learning Intern

January 2022 - June 2022

Verzeo

Remote

- Spearheaded a multidisciplinary team of 3 to develop an advanced driver fatigue detection system
- Implemented PERCLOS Algorithm and Haar Cascade Algorithm to accurately identify signs of driver drowsiness based on facial features and eye behavior; reducing fatigue-related accidents by 50%

ACADEMIC PROJECTS

Automation of Certificate and Invoice Generation (HTML, CSS, Java, Spring Boot, Spring Security, Next.js, React, MongoDB, CSS, AWS)

- Developed a full-stack web application for generating individual certificates and invoices where users could enter participant details in Excel and it would generate certificates in PDF downloadable in bulk in zip format
- Built **RESTful APIs** and back end with **Java** and **Spring Boot**, and React components with server-side rendering using Next.js and TypeScript, increasing page load speed by 40% while ensuring responsive and dynamic page handling
- Implemented secure **JWTAuthentication** with **Spring Security** for user authentication and role-based authorization
- Employed AWS platform for seamless deployment and consistency across various environments

Stock Price Predictor using Time Series (Python, Python libraries: Numpy, Scipy, Pandas, Machine Learning algorithms)

- Employed several deep learning and machine learning techniques, including LSTM, Elastic net, and Random Forest, to estimate Stock prices
- Created **backend** in python, hosted on AWS EC2, leveraged Amazon RDS for streamlined database management

CERTIFICATIONS

- AZ-900: Microsoft Azure Fundamentals | Mastering Data Structures & Algorithms using C and C++ | Programming for Everybody (Getting Started with Python) | Web Development