

Vishal Ravishankar

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EDUCATION

PES UNIVERSITY

BTECH IN COMPUTER SCIENCE

Dec 2021 - August 2025

CGPA: **9.03/10**

KUMARANS

PRE-UNIVERSITY COURSE

May 2019 - August 2021

Percentage: **91%**

Stream: PCMC

BGS NPS

SECONDARY EDUCATION

June 2009 - May 2019

Percentage: **93.3%**

COURSEWORK

Artificial Intelligence

Big Data

Data Science

Data Structures and Algorithms

Database Technologies

Distributed Systems

Information Retrieval

Machine Learning

Microservices

Object Oriented Programming

Operating Systems

Software Engineering

SKILLS

LANGUAGES

Frontend:

HTML • CSS • Javascript • Typescript

Backend:

Python • C • C++ • Java • C#

TECHNOLOGIES

Tools/ Frameworks:

Git • Visual Studio • .NET • React

Postman • Docker

Databases:

MySQL • SQL Server • MongoDB

LINKS

Github: **vishal-git-18**

LinkedIn: **vishal-ravishankar18**

LeetCode: **VishalRavishankar18**

EXPERIENCE

INUBE | SOFTWARE DEVELOPMENT INTERN

Jan 2025 – Sep 2025 | Bengaluru, IN

- Refactored **C#** services and improved request handling, achieving approximately **20%** faster API response times under load.
- Designed and maintained the **user management** module with role-based access control, audit log, customizable settings, and streamlined permissions.
- Developed agent dashboards with advanced data visualizations and optimized backend **SQL** queries for real-time data retrieval, reducing dashboard load times by **30%**.

URBANPRO | SOFTWARE DEVELOPMENT INTERN

Jun 2024 – Aug 2024 | Bengaluru, IN

- **Automated educator profile verification** using a machine learning pipeline to approve/deny uploaded profile images.
- **Implemented image validation features** that include face centering, clarity checks, and domain-specific exceptions, streamlining onboarding and improving the quality of platform content.

PROJECTS

STOCK MARKET STRATEGY PREDICTION

Python, Pandas, NumPy

- Link to the Project: **Stock Market**
- Developed a stock market prediction system leveraging **ARIMAX** for time series forecasting and **XGBoost** for investment strategy classification, achieving **85%** prediction accuracy on test data.
- Implemented feature engineering and rolling statistics to enhance model performance and provide actionable investment recommendations.

EXPENSE TRACKING & ANALYTICS PLATFORM

Spring Boot, Java, React, Javascript, MySQL

- Built a full-stack application, enabling users to **track expenses**, **set budgets**, and **visualize spending trends** through interactive dashboards.
- Developed features including recurring expense tracking, **budget alerts**, **category-wise spending analysis**, and downloadable reports, providing users with actionable insights to manage their finances effectively.

AI PERSONAL ASSISTANT

Python, React, Javascript, Flask

- Developed an AI Personal Assistant using **OpenAI GPT models**, providing conversational insights and contextual responses to user queries.
- Integrated real-time weather updates and **Google Calendar scheduling**, enabling users to access information and manage appointments seamlessly.