

Vidish Raj

+918095923571 | vidishraj@gmail.com || Bengaluru, India | [Linkedin](#) | [Github](#)

EDUCATION

PES University

B.Tech in Computer Science

- Cumulative GPA: 8.32
- Recognitions: MDR scholarship (2x), Distinction award (2x)

Bengaluru, India

August 2018 - August 2022

WORK EXPERIENCE

Societe Generale

Software Engineer

Bengaluru, India

July 2022 – Present

- Collaborated in the architecture, design and implementation of backend features using Java (Spring), Databricks, Postgres and Python, enhancing system functionality and performance.
- Evaluated and scoped out an EOSL application, while designing a new architecture leveraging ReactJS, improving functionality and modernising the tech stack.
- Contributed to design, development and maintenance of a scalable CI/CD pipeline utilising Jenkins, Docker, AWS, ECR, ECS to streamline deployment and improved system reliability.
- Conducted code reviews alongside the team, providing comprehensive feedback on code quality and adherence to best practices, resulting in reduction in bugs and enhanced overall stability of the software.
- Collaborated with cross-functional teams to develop and execute on-time and on-budget initiatives by effectively communicating project timelines, progress and objects using tools like Jira and Teams.

PWC (PriceWaterhouseCoopers)

Software Engineer Intern

Bengaluru, India

January 2022 – June 2022

- Spearheaded the development of an internal application using Python (Django), ReactJS and MySQL.
- Successfully deployed the web application tool on a Windows server using uWSGI and Internet Information Services (IIS), ensuring performance and reliability.
- Conducted code reviews alongside the team, providing comprehensive feedback on code quality and adherence to best practices, resulting in reduction in bugs and enhanced overall stability of the software.
- Collaborated with cross-functional teams to develop and execute on-time and on-budget initiatives by effectively communicating project timelines, progress and objects using tools like Jira and Teams.

PUBLICATIONS

Interpretable Recognition and Automated Deconstruction of Semantics in written English (IATED)

July, 2023

[READ:INTERPRETABLE RECOGNITION AND AUTOMATED DECONSTRUCTION OF SEMANTICS IN WRITTEN ENGLISH](#)

PROJECTS

Akkountant: Personal accounting web application

December 2022 – Present

- Developed a financial management application utilising Flask for backend and React for frontend, enhancing user experience and functionality.
- Implemented a transaction module leveraging Google API to access and parse transactional emails from user's Gmail accounts, extracting credit/debit details and storing them in a MySQL database.
- Automated the parsing of bank statements from 4 different banks, enabling direct user uploads and saving the statements to Google Drive for easy access.
- Built an investment module to track and manage various assets, including stocks, mutual funds, gold, NPS, EPF, PPF and fixed deposits, with integrated real-time updates using public APIs and web scraping as a fallback.
- Managed authentication using Firebase and custom implementations, utilizing Git for version control, containerizing the application with Docker and deploying on AWS ECS for scalability.

Tech stack: Flask, ECS, Docker, React, Web parsing, OOPS, Load balancing, RDS, Design patterns

FLP Analysis: Fantasy league analysis web application

August 2024 – September 2024

- Developed a web application for fantasy league enthusiasts, providing comprehensive player stats, real-life data and AI-powered projections to enhance team building and decision making.
- Integrated features for users to explore detailed player stats, including goals, assists, FPL-specific points, ownership percentages, and AI-driven metrics like expected goals (xG) and expected assists (xA), with advanced filtering and sorting options.
- Enabled FPL team and league connections, allowing users to plug in their teamID or leagueID to receive tailored insights, real-time stats, and performance comparisons with league leaders.
- Built live league tracking functionality to provide real-time FPL league updates, including live points, rank changes, and standings during active gameweeks, overcoming delays on the official FPL site.
- Implemented a team creation and transfer simulation tool, allowing users to simulate transfers, compare players based on AI scores, and project team performance in future gameweeks.

Tech Stack: Python, Flask, React, Typescript, Linux, Nginx

Trip split: Expense splitting and sharing web application

September 2024 – Present

- Developed a web application that allows users to split and share expenses efficiently across multiple participants, simplifying group payments.
- Implemented multi-currency support with automatic currency conversions, enabling users to manage expenses in different currencies seamlessly.
- Designed user-friendly features for tracking, categorising, and managing group expenses in real time, improving transparency and financial management for users.

Tech Stack: Python, Flask, React, Typescript, Linux, Nginx

TECHNICAL SKILLS

Frameworks: Flask, Spring, Springboot, ReactJS

AWS: ECS, ECR, RDS, EC2

Languages: Python, Java, HTML, CSS, Javascript, Typescript, C++, C

Java techniques: JDBC, junit, Threading, Spring MVC

Database: MySQL, Postgres, Databricks

Tools: Git, Jira, Postman

Techniques: Responsive design, SSR, RESTful APIs, Agile/Scrum, OOPs, Data structures & Algorithms, Distributed Systems

LANGUAGES

English (Full working and professional proficiency)

Hindi (Full working and professional proficiency)