Yashas Chandrashekar

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Skills

Programming Languages: Golang, Java, Python, C, JavaScript, PHP, HTML, CSS LaTeX
Cloud Technologies: AWS (Amazon Web Services), Firebase, GCS
Databases: MySQL, PostgreSQL, MongoDB, MariaDB
IDE: IntelliJ IDEA, Atom, Visual Studio Code

Experience

Backend Developer
Zino Technologies, Bengaluru, Karnataka — January 2024 - Present

- Developed and integrated industry-standard inventory modules into the low-code platform to meet diverse business needs.
- Enhanced platform's data management capabilities integrating PostgreSQL and RDBMS databases.
- Built an in-app chat system for seamless communication within applications.
- Streamlined team collaboration by integrating Slack into workflows.
- Implemented Razorpay integration, offering customizable payment solutions for platform applications.
- Delivered real-time notifications through Firebase Cloud Messaging (FCM), ensuring timely updates for users.
- Added Excel import/export and document conversion functionality using Golang's 'excelize' package.
- **AI-Driven Accomplishments:**
  - Designed AI-powered state machine workflows for dynamically generating workflows based on descriptive prompts.
  - Built AI-driven activity execution, allowing users to execute activities through natural language prompts.
  - Integrated VAPI voice agents for automated voice interactions, enhancing user engagement.
  - Leveraged AWS Textract and OpenAI for OCR capabilities, automating text extraction and processing.
  - Developed AI-based tools for data analysis, insights extraction, and comprehensive report generation.
  - Created an OpenAI-powered assistant for automating form-filling and activity identification based on user instructions.
  - Automated form generation via AI, enabling users to create functional forms using descriptive prompts.

Education

Computer Science and Engineering
Reva University, Bengaluru, Karnataka — August 2019 - August 2023
CGPA: 8.74 (First class with Distinction)

Personal Projects

OpinionBox 2023
Technologies: HTML, CSS, JavaScript, BootStrap, PHP, Apache2, MariaDB, Linux, Telebit
Description: Developed a web platform enabling peers to anonymously share opinions and rate classmates on a scale of 1 to 10, fostering constructive feedback within the academic community. This website was hosted live for over 3 days, resulting in over 50 registered users.
Project Link

Sudoku Solver 2023
Technologies: HTML, CSS, JavaScript
Description: Built a Sudoku Solver web app for interactive puzzle solving, automating cell-fill functionality upon user request. Demonstrated algorithmic problem-solving and user-centric design.
Project Link

Knee OsteoArthritis Detection using CNN (Team Project) 2022-2023
Technologies: Python, CNN, HTML, CSS, JavaScript
Description: Developed a CNN-based system for knee osteoarthritis prediction using X-ray images. The model evaluates the severity on a 5-scale metric when users upload their knee X-ray images. Recognized with the Best Outgoing Project award at Reva University.
Project Link *Research Paper Link*

Certifications

Certifications

Database Management System
NPTEL, 2023
Certificate Link

Learning Data Analytics
NPTEL, 2022
Certificate Link