

SHIVAKUMAR KOKKULA

Backend Developer | 8433667331 | Mumbai | kokkulashivakumar1@gmail.com | [Linkedin](#)

Experience

Web Developer → Tata Consultancy Services | Mar 2022 - Present

- Received Contextual Master Award for optimizing the business processes by developing web technologies for four critical apps at a multinational automotive manufacturer, enhancing software systems and productivity significantly.
- Developed robust REST APIs and web services for 4 critical apps using Java, SQL, JavaScript, Node.js, Cloud, UI and debugging code.
- Led 1 project to enhance existing app, extending support to US, Europe
- Engineered a chatbot employing Natural Language Processing technology, Python and SQL, automating ecommerce tasks and elevating customer satisfaction by 30%.

Software Developer → Varcsoft | Jul 2021 - Feb 2022

- Built RESTful APIs, QR system, Bill generation using Node.js, Prisma ORM, Docker, AWS for event management corporation.
- Improved logging and monitoring solutions, resulting in a 30% decrease in mean time to resolution (MTTR) for production incidents.
- Led a team, breaking down client requirements into modular components for agile development, while maintaining System/DB architecture, reducing system downtime by 30%.

Web Developer → Shubhchintak Foundation | Apr 2021 - Jun 2021

- Implemented server-side scripting using PHP and MySQL for an HR hiring application, boosting operational efficiency by 30%.

Software Developer → Sparks Foundation | Apr 2021 - May 2021

- Developed data models, predictive analytics, and visualizations for 3 sample projects, along with creating a website using PHP,HTML5,CSS3

Projects

Agrismart → Flutter | SQL

- Created a cross-platform mobile app empowering farmers to form communities, sell products directly to companies, access rental services for agricultural equipment, resulting in 30% increase in farmer profits.

Attendance System → Python | OpenCV | JavaScript | SQL

- Created 2 applications for attendance recording, one utilizing manual input and the other employing face detection technology, with data export capabilities to Excel using various programming languages.

EventX → Node.js | Prisma | PostgreSQL | Docker | AWS

- Implemented robust backend system serving 3 mobile apps and 1 admin panel for EventX Digital Wallet System.
- Conducted load testing, achieving a peak throughput of 1000 requests per second without service degradation, ensuring system scalability.
- Designed a robust schema ensuring seamless connectivity across applications syncing data in 2 modes: offline and online.

Skills

Java, Python, JavaScript, SQL, Nodejs

Additional Skills

AWS, Git/GitHub, ML, Flutter, React.js, JWT, REST Api, Spring Boot, Postman, Data Structures and Algorithms

Current Learning

Advanced System Architectures, GenAI

Certifications

AWS Developer Associate | Feb 2023

Amazon Web Services

- Learned about 80% of the AWS services and deploying and maintaining applications in AWS.

Microsoft Certified: Azure | Mar 2022

Microsoft

- Grasped basics of Cloud Computing in AZ 900 certification.

Data Analysis (Python) | Mar 2021

IBM

Python for Data Science | Mar 2021

IBM

Achievements

Xcelerate Warrior → Jan 2023

Tata Consultancy Services

Contextual Master → Sep 2023

Tata Consultancy Services

Education

BE (Computer) → Jul 2018 - Jun 2022

CGPA - 9.5/10

Vidyalankar Institute of Technology