SHIVANI

📍 Bangalore, Karnataka, India | 📞 +91-9845082801

✉ shivani.karkera33@gmail.com | LinkedIn | GitHub

SUMMARY

Seeking a Software Developer role to leverage my professional experience to adapt, create, and assist in crafting exceptional software experiences. Passionate about addressing challenges through diligent research, with a keen focus on problem-solving and fostering innovation.

WORK EXPERIENCE

Software Engineer | TietoEVRY Fintech India Pvt Ltd   04/2024 - Present

- By adeptly coordinating cross-functional teams and conducting meticulous root cause analysis, swiftly resolved a critical asynchronization issues between frontend and backend integration, **saving 20hrs of potential application downtime**.
- Effectively resolved and managed complex production incidents within the banking application used in Sweden, by promptly addressing the urgent requirements impacting a **user base of 3000+ bank officers within a tight timeframe of 3-4 hours.**
- Demonstrated exceptional leadership skills by **guiding and mentoring 3 new team members**, facilitating smooth transition into the workplace environment.
- Coordinated on CI/CD pipeline migration from Bitbucket to Azure DevOps, enabling faster and more reliable deployments.

Junior Software Engineer | TietoEVRY Fintech India Pvt Ltd   08/2022 – 03/2024

- Contributed significantly to all phases of SDLC, including business requirements gathering, analysis, design, development, maintenance of code within an Agile environment.
- Developed and deployed scalable RESTful services. Implemented caching mechanisms and multithreading to **reducing response time by 60**%.
- **Enhanced application security to modern banking standards**, protecting sensitive data including accounts, loan processing, payments, and insurance procedures, thereby strengthening system resilience and enhancing customer trust.

Intern | Microsoft – Future Ready Talent Virtual Internship   11/2021 - 03/2022

- Developed an E-commerce website with a chatbot utilizing front-end technologies such as HTML, CSS, and JavaScript.
- Employed Microsoft Azure for seamless deployment and hosting of the website, ensuring optimal performance and scalability. Azure Services used: QnA Maker, Azure Static Apps, Azure Bot Service, App Service, Microsoft Azure portal.

Computer Vision and IoT Intern | The Sparks Foundation   08/2021

- Developed an object detector using Python. This detector effectively identifies and classifies objects within images, enhancing object recognition capabilities and enabling better visual understanding.

PROJECTS

Digital Mapping of Faulty Transmission Lines | *Group of 3*   06/2022

- Designed and constructed an IoT device incorporating Arduino and a GSM module to detect faults in transmission lines. This device wirelessly uploads data to the website, including the precise location of the identified faulty line.
- Developed a website using the MERN stack and integrated it with the ThingSpeak API. This integration allows seamless upload of data and presents it in an interactive and intuitive manner.
- The project qualified as one of the top 6 finalists out of 200 submissions nationwide in the Unisys Innovation Program.

Smart Safety Locket (Incubation Project under K-Tech NAIN) | *Group of 4*   03/2022

- Engineered a Raspberry Pi-based locket prototype designed to help in emergency situations.
- Upon activation, the locket promptly transmits the user's location and a camera-captured image to a designated trusted contact, ensuring swift help and support.

Echo Clone   02/2020

- Integrated cloud connectivity into Raspberry Pi powered by Alexa Voice Services, allowing users to effortlessly operate the connected electrical circuits, through intuitive voice commands.

EDUCATION

Bachelor of Engineering – Electronics and Communication Engineering Mangalore Institute of Technology and Engineering, Mangalore	2018-2022 CGPA: 8.7/10
Senior Secondary School St Aloysius PU College, Mangalore	2016-2018 Percentage: 87.67%

SKILLS

Programming Languages	Technologies	Other Tools
Java, Python, C, HTML, CSS, JavaScript, SQL, JSON	Spring boot, ReactJS, Microsoft Azure, Junit, Hibernate, Docker	Jira, Git, Splunk, Jenkins, Confluence, Maven, Bitbucket