AMIT KUMAR

+91 9066054079

amitashank53@gmail.com ⋄ linkedin.com/in/amit-kumar-01168211b ⋄ Bengaluru, KA

EDUCATION

B.Tech in Computer Science and Engineering, BPUT University　　　　　　　　2012 - 2016
Raajdhani Engineering College, Bhubaneswar

SKILLS

Programming	Java 8, Spring Boot, AWS Cloud Services, Microservices, Mongodb Redis, Temporal, OAuth, Docker, React
Tools and Application	IntelliJ IDEA, Gitlab, JIRA, JUNIT, Jenkins, Postman, Visual Studio, TFS, NUNIT ReSharper, NCover, Android Studio, Arduino IDE

EXPERIENCE

Senior Software Engineer　　　　　　　　　　　　　　　　　　　　Dec. 2023 – Present
HIRERIGHT　　　　　　　　　　　　　　　　　　　　　　　　　　　*Bangalore, IN*

- **OPERATOR** - Prototype a customized data input service enabling candidates to input their information in a variety of formats, enhancing customer accessibility and accelerating application processing time by 50% with 98% accuracy.

- Used Java, Spring, Xml, Json, Postman.

Senior Software Engineer　　　　　　　　　　　　　　　　　　　Nov. 2021 – Nov. 2023
CIMPRESS INDIA PRIVATE LIMITED　　　　　　　　　　　　　　　*Bangalore, IN*

- **ORDER MONITOR** - Engineered a service to track multiple states of order's items, which is the backbone of a 2.5B dollar business. It helped BU to react on order's issue more quickly and efficiently resulting in a reduction of resolution time from 2 week to 1 day.
  Build an architecture of the system by using Java8, MongoDb, Temporal, ReactJS, Node.js, TypeScript, AWS, Commercetools.

- **PAYMENTS** - Designed and maintained a wallet microservice within a distributed system, prioritizing efficiency, fault tolerance, and security. This service seamlessly integrated with external payment systems and featured proactive monitoring which is handling 40 Million orders a month.
  Used Java8, Spring Boot, Redis, AWS, Commercetools.

Software Developer　　　　　　　　　　　　　　　　　　　　　　Mar 2017 – Oct 2021
SIEMENS TECHNOLOGY AND SERVICES PRIVATE LTD　　　　　　　*Bangalore, IN*

- **WINCC UA OPENNESS** - Developed an API for maximum speed and scalability, resulting in automating the HMI Unified device for TIA Portal. Completed using Java, Spring Boot.
  Customer configuration time was decreased from 4hr to 30min.

- **HWCN SENTRON** - Designed a support for low voltage power monitoring device called PAC3220 in TIA Portal for monitoring and logging of more than 100 parameters. Used Java8, Spring Boot, Redis,

- **SENTRON UTILITY** - Engineered a platform streamlining Agile processes, reducing Scrum time by 20%. Implemented features such as RCA, Project Findings and Logger, resulting in a 30% increase in team productivity.

PROJECTS

GETMESMILE.

- Constructed an Android app facilitating resource sharing between helpers and helpees during COVID times. Achieved over 1000 downloads.

- Technologies employed: Android, Java, Firebase, Git.

HOME AUTOMATION USING IOT.

- Developed a project that enables home automation by using mobile devices which is helping by achieving 30% reduction in energy consumption through optimized scheduling and remote control functionalities.

- Technologies: Node MCU ESP8266, C.

CLOUD-SHOP.

- Implemented a web app for connecting different local vendors together online and helping vendors to reach national customers. Did a prototype with 500 satisfied vendors.

- Solved using HTML, CSS, Javascript, SQL, Asp .net, C-Sharp.

DATE OF BIRTH PREDICTOR.

- Constructed an Android game app to predict a number by asking multiple questions which enhances prediction accuracy resulting in a 99% success rate using Android and Java.

COURSEWORK

- **SOFTWARE** - Object Oriented Programming, Data Structures and Algorithms, Software Design Principles, Agile Methodologies, Multithreading, TDD

- **HARDWARE** - Node mcu ESP8266

HONORS/AWARDS

- 2020 Siemens Bravo Award

- 2019 Siemens Solidarity Award

- 2019 Represented Siemens Technology at STEM Day for Students