

MAYANK SHEKHAR

Electronic city, Bengaluru

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OBJECTIVE

Adept at working with agile and scrum methodologies to accomplish project milestones with rich knowledge in C++, JAVA Programming, Web Development, Android Apps development, UI design, Relational databases and Embedded Programming. Seeking to apply expertise and knowledge to take on a challenging new role within a growing team.

EDUCATION

Visvesvaraya Technological University, India

Bachelor of Engineering in Computer Science and Engineering (June 2018)
CGPA – 8.6/10.0

SKILLS

Programming: C/C++, Java/J2EE/JavaBeans, Python, C#, PHP, JavaScript, JSP, HTML, CSS, R, Perl

Framework: Git, AWS, Android Development, API Programming and Management (REST, SOAP)

Databases: SQLPlus, Oracle, PostgreSQL, SnowFlake, GreenPlum, MongoDB

SOFT SKILLS

- Experienced with multiple international clients
- Creative thinking
- Time management
- Conflict resolution

EXPERIENCE

Oct 2018 – Present

Continental AG, Bengaluru India • Associate Engineer

- Designed a fully automated emulation environment in **C++** adhering to Waterfall model of development to enable Reception and Transmission of frames between different ECUs.
- Developed interfaces and algorithm using **JAVA** and UML techniques to validate several frame behaviors and performing various vehicle maneuvers.
- Fragmented the input file into tokens by using **Lexical Analysis** and **Regular Expressions** to capture names of FBs (Failure Bit) in **JAVA**.
- Developed a **J2EE with Javabeans** program to automate cumbersome manual conversion of .dbc files to .rtf files used in **PaaS** Test Environment in cloud.
- Developed a **JAVA** program to automate the process of creating general test (.tst) files. It also creates general template in the form of **C++** arrays containing expected FBs and DTCs to be logged. Hence reducing the effort of manually updating scripts for different frame/signal tests.
- Developed a GUI application using **JAVA** and **REST API backend** to segregate test logs, which reduces huge effort of going through numerous test logs.

PROJECTS

- **Adaptive personal assistant and chatbot** Java, Android, DBMS
- **Smart search engine for college students** Java, Data Structures, REST API
- **Restaurant business analysis** Big Data, Hadoop, Java