

# Almaas Senofer S

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## **OBJECTIVE:**

To pursue a highly rewarding career, seeking for a job in challenging and healthy work environment where I can utilize my innovative skills and knowledge efficiently for growth of the organization and myself as well as in this innovative and competitive world.

## **CAREER SUMMARY:**

- Have 4 years of experience in Embedded Software Development in **Capgemini Engineering, Coimbatore**.
- Worked and well versed in all **4 phases(RDCT) of Software Development Life Cycle**.
- Worked in **AGILE Methodology of Project Management** and have experience as a **Scrum Master** in my current team managing around 7 people.
- Good knowledge about **Modelling Rules Industry Standard MISRA**.
- Well experienced in **Model development in Simulink and TargetLink**
- Good knowledge in **MATLAB Scripting**.
- Have good experience in code generation using **Simulink**, and **TargetLink**.
- Have worked with **MIL** testing using **Simulink Test** and **BTC**
- Performing Static model analysis using **MXAM**.
- Performing Static code analysis using **Polyspace and ASTREE**.
- Have a nodding acquaintance about **Control Systems** and **ISO26262**.
- Developing test cases from the requirements for dynamic testing at Implementation phase with good debugging skills.
- Developed good communication skills to **engage with customer for Requirements feasibility and upgradation**.
- **Ability to coordinate tasks and meet deadlines** as a team player possessing strong interpersonal skills, **quick and self-learning capabilities** and offering assistance.
- Active technical interview panel member and offering recruitment support.

## **SKILLS:**

- Requirement Management Tools: Rational Doors(IBM).
- Designing Tools: Enterprise Architect, Visual Paradigm.
- Modeling Tools: Simulink, TargetLink and LabVIEW.
- Code Generation Tools: Simulink Coder, TargetLink Coder
- Code Validation Tools: NAMING, MISRA, POLY, ASTREE
- Model Validation Tools: MXAM
- Programming: Embedded C, C++, CAPL.
- Scripting: MATLAB and VBA.
- Testing and Simulation Tools: CANoe, CANape, CANalyzer, BTC, Tessy.
- Version Management Tools: ClearCase, GIT, SVN.
- Change Management Tools: ClearQuest, Track&Release, JIRA.
- Debugging Tool: Trace 32 - Lauterbach
- Communication Protocols: CAN, UDS
- Development Standard: ASPICE, ISO26262, Software Development Life Cycle.

### **PROJECTS HANDLED:**

1. **May 2019-March 2020:** Development of Application Layer components for EFI (Electronic Fuel Injection) Engines for Land Movers.  
**Client: Briggs and Stratton.**
2. **April 2020-October 2020:** Development of Application Layer components and GUIs for Electric vehicles using MATLAB. Also involved in Hazards and HAZOP analysis to formulate functional safety requirements for the same.  
**Client: PSA**
3. **November 2020-Present:** Development of commercial Vehicles Power Steering ECU for **Daimler, Volvo Trucks and MAN, Iveco.**  
**Client: Bosch Automotive Steering, Robert Bosch Engineering and Business Solutions.**

### **WORK PACKAGES:**

- Developed wide range of Application functions.
- Designed High Level Design using Enterprise Architect and Visual paradigm for many application components.
- Performed Unit Testing and code coverage with Bosch Specific verification, BTC and Tessy.
- Analyzing and resolving errors using CAN Environment.
- Worked as an MBD developer for developing Application functions using Simulink and TargetLink.

### **ACADEMIC QUALIFICATIONS:**

- B. E, Electronics and Instrumentation Engineering, Sri Ramakrishna Engineering College, Coimbatore, CGPA – 8.44 (May 2019).
- 12<sup>th</sup>, STATE BOARD, Islamiyah Matric Higher Secondary School, Coimbatore– 93.08% (May 2015).
- 10<sup>th</sup>, MATRICULATION, Islamiyah Matric Higher Secondary School, Coimbatore – 94.6%. (May 2013).

### **PERSONAL INFORMATION:**

- Date Of Birth : 17th December 1997
- Hobbies : Playing Badminton, Watching Series/Movies, Reading Books
- Languages Known : Tamil, English, Hindi, and Malayalam.
- Postal Address : 60, Gandhi Nagar, Kuniamuthur, Coimbatore- 641008