Chetan Madhukar Chaudhari

At. Post. Marwad Tal. Amalner Dist. Jalgoan

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Objective

Passionate embedded engineer equipped with a strong background in electronics and telecommunications gained through a Bachelor of Technology degree. Seeking opportunities to leverage technical proficiency and problem-solving skills to excel in challenging projects within embedded systems development, thereby contributing to pioneering advancements in the field.

Technical Knowledge

- **Programming Skills -** C / C++ / DSA
- **Operating System -** linux /Windows
- **Networking -** Socket Programming /TCP/IP
- **Hardware Skills -** ARM 7
- **Software Skills-** Keil u4 / Proteus 9/ STM32CubeIDE
- **Protocol -** UART/ I2C/ SPI/CAN/UDS

Expertise

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  - Hands on experience on integrating HTTP and HTTPS.
  - Using GNU compiler.
  - Hands on experience UART console debugging.
  - Using logic anyalizer.
  - Hands on experience version control system (e.g. Git)

Education

- **Dr.Babasaheb Ambedkar Technologyical University Lonere R. C. Patel Institute of Technology Shirpur**   2023
  B. Tech in Electronics and Telecommunication
  7.36 CGPA

- **N. T. Mundada jr. College, Amalner**   2019
  H.S.C.
  73.38%

- **G. S. High school, Amalner**   2017
  S.S.C.
  79.40%

Relevant Coursework

- Vector India Pvt. Ltd.
  - Completed study of embedded systems with a focus on mastering C, C++, and Embedded C programming languages.
  - Executed practical projects to develop proficiency in integrating hardware and software within embedded systems.

Projects

- Smart Industrial Process Monitoring System Using IOT
  - Industrial parameter monitoring system
  - IoT-based temperature and gas monitoring
  - Real-time data collection

Training

- **Paramatrix Technologies Pvt. Ltd.**
  - Successfully completed a 3-month training program on C basics conducted by Paramatrix Technologies Pvt. Ltd.
  - Attained comprehensive understanding of fundamental concepts in C programming language.
  - Acquired valuable insights into industry-standard practices and methodologies during the training program.
  - Leveraged the training program to enhance problem solving abilities and technical acumen in software development.

- **Embedded Software Engineering Intern**
  Nextellent Technologies Pvt. Ltd.
  - Assisting in development and debugging of embedded systems software using C for microcontroller-based projects
  - Gained hands-on experience with serial communication protocols, and hardware interfacing
  - Contributing to firmware development, testing, and documentation as part of a collaborative engineering team
  - Implemented state machines for structured task control in embedded applications using Embedded C
  - Worked on Neoway N58 OpenCPU microcontroller with integrated 4G LTE module for M2M communication
  - Designed and validated Firmware OTA (FOTA) updates for remote firmware upgrade
  - Worked on bootloader development and customized linker scripts using GCC toolchain for memory mapping

Skills

- Creative and Positive Thinking
- Team management
- Leadership
- Able to Work under pressure
- Hardworking

Languages

- English
- Hindi
- Marathi

Personal Details

- **Full name :** Chetan Madhukar Chaudhari
  D.O.B : 22/01/2002
  Location : At. Post Marwad Tal. Amalner Dist. Jalgaon, 425401
  Hobbies : driving car, listening music
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Declaration

- I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge.

Date:
Place: Your faithfully