# John Doe

Address

Email: john.doe@example.com

Phone: +1 (555)

linkedin.com/in/john-doe github.com/johndoe



### SKILLS

• Programming: Java, C++, Python, JavaScript, HTML/CSS

• Frameworks: React, Angular, Django

• Tools: Git, Docker, Jenkins, JIRA

• Electronics: PCB Design, Circuit Analysis, Microcontrollers, FPGA, VHDL/Verilog

## **EMPLOYMENT HISTORY**

• Software Engineer, ABC Tech, New York, NY, USA

January 2023-Present

- Developed and maintained web applications using React, Node.js, and PostgreSQL.
- Collaborated with cross-functional teams to ensure high-quality code and timely delivery of features.
- Implemented unit tests and integration tests using Jest and Selenium.
- Embedded Software Intern, XYZ Corp, San Francisco, CA, USA June 2022-August 2022
  - Assisted in the development of firmware for microcontroller-based systems using C and C++.
  - Debugged and tested embedded software using oscilloscopes, logic analyzers, and other lab equipment.
  - Participated in code reviews and contributed to improving code quality and maintainability.

#### **EDUCATION**

• B.Sc. in Electronics Engineering, University Name, City, Country

2018-2022

- GPA: 3.8/4.0
- Relevant Courses: Data Structures and Algorithms, Operating Systems, Digital Signal Processing, Control Systems, Microelectronics, Communications Systems
- Senior Project: Designed and built an IoT-based home automation system using Raspberry Pi, Arduino, and various sensors.

Updated: April 9, 2023

## **PROJECTS**

• Web-Based Inventory Management System

- January 2022 April 2022
- Developed a web application for managing inventory, orders, and customer information.
- Implemented frontend using React and backend using Django.
- Integrated the system with a barcode scanner for easy inventory updates.
- FPGA-based Image Processing System

- September 2021 December 2021
- Designed and implemented an FPGA-based image processing system for real-time object detection.
- Programmed the FPGA using VHDL and developed a custom image processing algorithm.
- Optimized the system for low power consumption and high processing speed.

Updated: April 9, 2023 2/2