UTSAVKUMAR GOYAL

SOFTWARE ENGINEER (PYTHON DEVELOPER)

CONTACT

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PROFILE

Results-oriented engineer with 5 years of experience excelling in automation, Python development, and project leadership. Proven expertise in end-to-end project management, with notable achievements in steering projects like 'Food Serving Robot' and 'Waiter Calling System.' Proficient in diverse languages and technologies, including C, Python, Embedded C, IoT, and tools such as AWS, Jenkins, and MongoDB. Adept at team management, consistently delivering seamless solutions from inception to successful vendor handover.

SKILLS

1. **Programming Languages:**
   - Python
   - C
   - Embedded C
2. **Technologies:**
   - Data Structures
   - Algorithms
   - IoT (Internet of Things)
   - Bascom, Arduino,
   - Atmel Studio
   - AWS Management Console
   - Jenkins
   - MongoDB
   - SSH, Telnet
   - Regular Expressions
   - Public APIs
3. **Communication Protocols:**
   - SPI, I2C, Serial
4. **Tools:**
   - Postman, JIRA
   - Bit bucket, Git
5. **Project Management:**
   - End-to-End Project Leadership
   - Team Management (Led teams of 5 members)
   - Automation Project Development
   - Problem Solving
6. **Version Control:**
   - SVN Repositories, Git

EXPERIENCE

Software Engineer @ Wipro LTD (Bangalore)

Nov-2021 / Apr - 2024

Software Engineer in co-ex team Broadcom (08-2022 / 04-2024)

As an engineer, I identified automation opportunities and led three Python projects, resolving issues from inception to client delivery. Active contributor to the U-code branch, addressing co-ex-related bugs. Proficient in C, Assembly, Perl, Shell scripting, and Python, with expertise in 802.11 wireless, SSH networks, telnet, regular expressions, and SVN repositories.

Python Developer in NetApp (11-2021 / 07-2022)

As a Python Developer, I am responsible for maintaining Python repositories. During this period, I actively engaged with various tools and platforms, including the AWS Management Console, Jenkins, Public APIs, MongoDB, Postman, and more.

R & D Engineer @ Petpooja (Ahmedabad)

May-2019 / Nov-2021

Led end-to-end development of 'Food Serving Robot' and 'Waiter Calling System,' overseeing projects from conception to vendor delivery. Proficient in Python, Embedded C, IoT, Bascom, Arduino, Atmel Studio, Keil, SPI, I2C, Serial, and driver scripts. Successfully led a team of 5 members throughout this tenure.

EDUCATION

M.Tech in Data Science @ BITS Pilani (WILP)

Nov-2022 / Oct - 2024.

Recently in the Third Semester of Work Integrated Learning Program.

B.E. in Computer Engineering @ GTU, Gujarat

Aug-2015 / May-2019

Vadodara Institute of Engineering, Kotambi (Vadodara)

CGPA – 8.52 / CPI – 8.65