

KALPESH SOLANKI

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EDUCATION

- **B.E in Electronics and Communication**
Government Engineering Collage Rajkot
CGPA: 8.04
- **Specialization in IoT**
Government Engineering Collage Rajkot
- **Jawahar Navodaya Vidyalaya Anand**
12th Science: 78.8 %
- **Jawahar Navodaya Vidyalaya Anand**
10th: 74%

SKILLS

C | C++ | Shell Scripting | PHP | Lua Scripting | Android Studio | Python | JavaScript | SQL | HTML | Assembly |
HFSS | RTOS | Linux | Windows | Circuit designing | Schematic design | Simulation | Emulation |

CYBER SECURITY

Network Penetration Testing | Vulnerability Scanning | Information Gathering | Pre and Post Exploitation |
Android and PC Hacking | Offensive Security | IDORs | WAP | CSRF | SSRF | Password Cracking | Reverse
Engineering | Game Hacking Online and Offline | Virtualization | Hack the Box Player |

PROJECTS

- Mechanism to Prevent Road Accidents Between Vehicles
- Intelligent Glasses for Blinds using Raspberry Pi
- Wireless Data Transmission NodeMcu to Arduino Uno
- Programming autonomous systems
- Build a Smart Irrigation System using Raspberry Pi.
- Robotics

EXPERIENCE

- Agastya Electronics and IT Solutions
Domain: Embedded Systems
Period: 16th June 2024 to 15th July 2024 (1 month)
Project: Digital Weigh Scale using STM32F103C8T6

ACHIEVEMENTS

- SSIP HACKATHON 2022
- SPARK EVENT WINNER