

NEELKUMAR PATEL

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OBJECTIVE

To be pragmatic in computers and information security to enhance my knowledge of the mentioned field by gaining practical level of experience and education, further to contribute towards the development of secure technology.

EDUCATION

Bachelor of Technology, Information Technology

Birla Vishvakarma Mahavidyalaya, India

May 2019

CGPA: 9.14/10.00

Coursework: Data Structure & Algorithm, Databases, Operating Systems, Computer Networking, Computer Architecture, Information Security, Theory of Computation, Data Mining.

TECHNICAL SKILLS

<i>Programming Languages</i>	: C, C++, Java, Python, Swift (Familiar)
<i>Tools</i>	: Git, Docker, AWS (S3 & DynamoDB), Wireshark, NMAP, Metasploit
<i>Databases</i>	: MySQL, Oracle, MongoDB
<i>Development</i>	: JavaScript (Node & Angular), Flask, Android, iOS (Familiar)

WORK EXPERIENCE

Intern - Product & Project

OpenEyes Technologies, Inc

Jan 2019 - April 2019

- Developed Anti-Smokify: Smoking Detection in Videos a ML based Project to detect smoking in videos and return the timestamp of smoking scenes.
- Deployed Docker image of tool on docker hub with mongo as ubuntu and base image.

Trainee

GACL, Vadodara

May 2017 - June 2017

- Developed a Decision Support System Module named Hydrogen Utilization for top management to analyze the production and utilization of hydrogen.
- Technology - Oracle 12c Database as backend, PHP for server-side scripting.

PERSONAL PROJECTS

Eyeball Controlled Wheelchair — *Python, OpenCV, Raspberry Pi*

- A locomotive embedded system that helps paralysis patient to move using eyeballs.
- Python and OpenCV tracked movement of Eyeball and Raspberry Pi and Pi Camera for motors integration.

Periodic Table REST API — *Python, Flask, Pandas, JSON*

- Developed a RESTful API to fetch periodic table elements data using AJAX request.

E-Attend — *Android, Firebase, Google Maps API*

- Developed an android application to replace biometrics system for attendance using current location of the user.
- Project was based on client-server architecture which verifies the current location followed by QR barcode scan.

Graduate-Admission — *Python, scikit-learn, Numpy, Pandas*

- Developed a regression Machine Learning model to predict the probability of admit in graduate schools of USA.

EXTRACURRICULAR ACTIVITIES

Co-ordinator for ISTE (Indian Society for Technical Education) Students Chapter

Aug 2016 – Mar 2018

Web Developer for Vishvakarma Magazine

Jan 2018

Event Manager for GENESIS 2017 (Annual Technical Festival) at College.

Aug 2017