Varun Pande

Contact number: +1 469-321-7614

www.github.com/varunpande   Arlington, Texas   varunpande1994@gmail.com

Full stack developer | Software engineer

(www.linkedin.com/in/varunkumar-pande-43499a126)

SKILLS

- ❖ **Software:** Python (Intermediate), Git (Basic), Java (Basic), JavaScript (Intermediate), PHP (Basic), MySQL (Intermediate), MongoDB (Basic), OracleDB 10g(Basic).
- ❖ **Library:** React. **Tools:** Visual studio code, HPQC, HP-UFT, Excel macros.

EDUCATION

University of Texas at Arlington.   **Aug-2019 to May-2021**

- Master in Computer Science majoring in Artificial Intelligence and Database. (**G.P.A: 3.932**)
- **Coursework done:** Neural networks, Machine learning, Data mining, Web data management, Advanced database systems, Secure programming, Information security, Software testing.

Thakur College of Engineering and Technology, Mumbai University.   **Jul-2012 to Aug 2016**

- Bachelors of Engineering in Information Technology. (**C.G.P.A – 7.95**)
- **Programming Coursework**: Web programming, Data structure & Algorithm Analysis, Database management systems, Object oriented programming methodology.
- **IT Coursework**: Operating systems, Big data analytics, Automata Theory, Intelligent system.

EMPLOYMENT

Software Engineer   **Zimperium Inc.**   **June-2020**

Python backend developer.

- Python codebase upgrade from 2.7 to 3.5.0 and Django (v2.2) application development.
- Worked on Java Spring Boot services, Docker images, deploy services like Kafka, Zookeeper, Postgres.
- Leveraged knowledge in Git, Python, Django, Docker, Java, Postgres-SQL.

Senior Software Engineer   **Coradius Pvt. Ltd.**   **Feb-June 2019**

Productivity and task management react app.

- Created library to manage background processes for synching database in background.
- Developed a task management and productivity tracking application based on react for bank agents.
- Leveraged knowledge in Git, Full Stack Web development, JavaScript, React and Chrome Developer tools.

Application Development Analyst   **Accenture Solution Pvt. Ltd.**   **Nov 2016-Jan 2019**

Software testing and automation.

- Created automated scripts to perform regression testing on SAP implementation of client.
- Refactored the old codebase, which increased the runtime efficiency of old test scripts by 30%.
- Created macros to automate form filling and test data creation.
- Leveraged knowledge in Microsoft Excel, SAP system, Team management, HPQC, HP-UFT.

SOFTWARE PROJECTS

Smart Park

- ➢ I.O.T. based android application and website to provide live available parking locations using Arduino Uno board and sound sensors. (Used google maps API to show locations of parking.)
- ➢ Reduced the searching time for parking to nearly less than a minute, which resulted in reduced lane congestions (tested in virtual environment).

Utilized: PHP, MySQL, Java, JavaScript, C programming, Socket (IP/TCP) Programming, LAN setup for multiple Arduinos.

Website development for TIMSR

- ➢ Developed a website for management college of my alma mater.
- ➢ Received an appreciation letter from the director to complete the website within 2 months.

Utilized: PHP, JavaScript, MySQL, Linux Server management, domain hosting, SEO.