

Arvind P G

Senior Full Stack Engineer

Experienced Full Stack Developer with excellent reputation for resolving problems and improving customer satisfaction for over 4 years. Demonstrated talent for picking up new programming languages really fast and start delivering on projects with the highest quality. A seasoned expert in languages such as Python, Javascript, Go and frameworks like Django, React, Node.js, AngularJS.



Work History

Senior Full Stack Engineer (Jan 2020 – Current)

VuNet Systems, Bengaluru

- Redesigned and implemented entire Access Control for vuSmartMaps, a Django based Big Data Analytics Platform developed in VuNet Systems
- Built a Human Resource Management System for seamless integration of the client user base to vuSmartMaps
- Integrated vuSmartMaps with LDAP for user authentication.
- Provided support for ADFS SSO integration with Microsoft Azure for web and mobile applications.
- Reverse engineered Kibana to upgrade Elasticsearch version 6.8 used in vuSmartMaps to 7.17.
- Developed vuNet Synthetic Monitor, a Node.js application using Google Puppeteer for passive application monitoring
- Implemented OAuth2 Authentication Framework in vuSmartMaps to authenticate third-party applications.
- Enhanced the Reporting feature to export visualization data as pdf, csv using Phantomjs
- Responsible for routinely coordinating with security audit teams and fixing security bugs.
- Served as a SPOC for many issues raised in production in all multiple clients.

Cybersecurity Analyst (June 2018 – December 2019)

Ernst & Young, Chennai

- Enhanced an in-house Django application which analyses baseline configuration for systems by automating it using Ansible
- Performed Vulnerability Assessment and Penetration Testing (VAPT) for clients' infrastructure
- Tested Web, Android and IOS applications for security flaws
- Reviewed secure configuration for Network Devices
- Assisted in performing Distributed Denial of Service (DDOS) attacks on load balancers



Contact

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Technical Profile

- Django
- Django REST Framework
- Python
- React.js
- JavaScript
- Node.js
- AngularJS
- MySQL
- Pentesting Tools: Burp Suite, Nmap, Nessus, Metasploit, Wireshark, John the Ripper, Social Engineering Toolkit



Education

Bachelor of Engineering: Computer Science And Engineering (August 2014 – May 2018)

Anna University - Chennai, India CGPA - 8.4

Senior Secondary School (May 2012 – April 2014)

SBOA MHSS - Chennai, India

Higher Secondary School: Computer Science (May 2010 – April 2012)

SBOA MHSS - Chennai, India 97.4%



Projects

SAUVC - Finalists (Mar 2018)

One among 15 finalists from across the globe for building an Autonomous Underwater Vehicle. (AUV)
(<https://sauvc.org/2018/#teams>) Team Name: Kaiju

SVCE Innovates - Student's Research Program - Third (Mar 2018)

Presented the extension of AUV project built for SAUV

SVCE Innovates - Student's Research Program - First (Mar 2017)

Created an Android app which scans sudoku puzzles and solves them using OpenCV and a combination of different sudoku algorithms.

SVCE Bio Hackathon - First (July 2017)

Created an Android app which teaches the basics of BioBricks for supporting SVCE's team for iGem competition

Tamil Character Recognition Using Feature Extraction (Apr 2018)

Created an Android app which recognises Tamil words in images and translates them to English as part of curriculum.

Stick Run (Apr 2015)

Created an Android 2D endless running game



Skills

Python



React



AngularJS



Node.js



Django



Recognitions

Anveshak - Vunet Systems (Oct 2021)

Quarterly award winner for seamless delivery, performance and successful execution of multiple tasks.

Kudos - Ernst & Young LLP (July 2019)

Nominated by EY India Cybersecurity Partner for exemplary client deliverables



Languages

English - Full Professional Working Proficiency

Tamil - Native & Bilingual

Malayalam - Native & Bilingual

Hindi - Limited Professional Working Proficiency