Lokesh **Sanapalli**

✉ hi@lokesh1729.com | ☎ 8466905904 | ⚲ Bengaluru, India | ⚲ https://lokesh1729.com

Work Experience

Akamai   *Bengaluru, India*
SENIOR SOFTWARE ENGINEER   *May 2018 – Present*
- As part of the managed security product team, involved in designing HLD, LLD and few microservices
- Designed the architecture of Report Automation Engine (RAE) with multiple micro services and data aggregation flow
- Owned couple of microservices from end to end implementation
- Worked on full stack using python on backend and react on frontend

Bigbasket   *Bengaluru, India*
SOFTWARE ENGINEER II   *Nov 2016 – May 2018*
- Developed new features and dashboards for the customers and internal teams
- Implemented backend APIs for features like cancellation charges, slot availability
- Optimized and rewrote APIs written python, django and nodejs to improve the reliability and performance of the infrastructure
- Worked on DB Pruning project which minifies the size of AWS RDS databases for QA environments there by saving thousands of dollars per month

Cigital   *Bengaluru, India*
ASSOCIATE SOFTWARE ENGINEER   *Nov 2015 – Jun 2016*

Techmahindra   *Hyderabad*
ASSOCIATE SOFTWARE ENGINEER   *July 2015 – Oct 2015*

Education

RGUKT IIIT Nuzvid   *Nuzvid, Andhra Pradesh*
B.TECH IN COMPUTER SCIENCE   *July 2009 – May 2015*
GPA: 8.2

Skills

Programming Languages: Python, Java, Javascript, Node.js, C++
Libraries & Frameworks: Django, React, Tailwind CSS, Spring boot, Vue
Others: Problem Solving, Data Structures, Algorithms
Frontend: HTML5, CSS3, Javascript

Projects

Report Automation Engine   *Python, Django, Javascript, React, Java, Springboot, Docker*

PART OF MANAGED SECURITY PRODUCT TEAM, WORKED ON CREATING REPORT ENGINE PORTAL FOR SALES TEAM TO VIEW/EDIT/GENERATE REPORTS TO CUSTOMERS. USER SELECTS CONFIGURATION, WEB PREVIEW WILL BE GENERATED. USER CAN INTERACT WITH THE WEB PREVIEW. USER CAN GENERATE PPT OR PDF REPORT FROM WEB PREVIEW AND PRESENT IT TO THE CUSTOMERS   *Akamai*

Database Pruning   *Python, Django, AWS, Docker, Graphs, Data Structures, Algorithms*

AWS COSTS WERE HIGHER DUE TO THE USAGE OF SAME PRODUCTION DATABASE IN ALL QA ENVIRONMENTS. GOAL IS TO CREATE MINIFIED VERSION OF PRODUCTION DATABASE AND DUMP INTO QA SERVERS. I TOOK THE OWNERSHIP OF THE WHOLE PROJECT AND IMPLEMENTED USING GRAPH ALGORITHMS. THIS SOLUTION SAVED 30K USD PER MONTH   *Bigbasket*

Opensource Contributions
HAVE MADE FEW OPENSOURCE CONTRIBUTIONS TO REPOS PYTHON-PPTX, DJANGO-SILK ETC...   *Github*