

Shlok Kaneria

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EXPERIENCE

CAPITAL ONE | SENIOR PRODUCT OWNER/SOFTWARE ENGINEER
Sep 2021 - Present | Wilmington, DE

- Architected a new product that selects optimal marketing channels for consumers in real-time, delivering \$XM/year in revenue and resulting in a fivefold acceleration of marketing journey orchestration with a long-term business driven perspective that aligns with customer needs as well as company OKRs.
- Led development for Marketing Technology by creating external-facing API's that allows customers to interact with seasonal promotions as outlined by business intent.
- Mentored junior engineers in AWS cloud architecture, Jenkins CI/CD, Kafka, Github, Salesforce Marketing Cloud, API Management, and DynamoDB

FAST ENTERPRISES, LLC | SOFTWARE SOLUTION ARCHITECT
Jun 2019 – Sep 2021 | Denver, CO & Philadelphia, PA

- Formulated products aimed at transitioning from out-of-date and inflexible web components to a robust, dynamic FAST end-to-end web application solution by analyzing Big Data trends.
- Enhanced front-end technology using Java and SQL to develop and deploy reusable web components and libraries.
- My direct contributions allowed us to manage 20M dollars within the state government department of revenue.

VILLANOVA UNIVERSITY | ML/AI RESEARCH LEAD
Jan 2018 – May 2019 | Villanova, PA

- Assisted with teaching/instructing undergraduate courses in multiple CS disciplines including Algorithms & Data Structures and Artificial Intelligence. Developed Computer Vision and Machine Learning projects and submitted research papers to IEEE with guidance from CS faculty.

JPMORGAN CHASE & CO. | HACKATHON DEVELOPER
Nov 2017 | Wilmington, DE

- Coordinated with multiple team members to create a software platform using a MAMP stack solution to develop and run a dynamic web application.

PROJECTS

ML/COMPUTER VISION ROBOTIC AGENT | RESEARCH LEAD
Jan 2016 – Dec 2017 | Villanova, PA

- Spearheaded the development of two fully-functioning robotic agents capable of interacting with our physical surroundings.
- Explored the use of recent advances in open source software and hardware platforms to build and program self-deciding robots via high-level visual technology.

PERSONAL SITE | FULLSTACK DEVELOPMENT OF WEBSITE
Jan 2016 - Present | Philadelphia, PA

- Developed **shloks.com**, a personal web portfolio intended to improve my digital presence, while improving digital branding using HTML, CSS, and JavaScript

EDUCATION

VILLANOVA UNIVERSITY
M.S. IN COMPUTER SCIENCE |
CONCENTRATION IN ML/AI
Villanova, PA

VILLANOVA UNIVERSITY
B.S. IN COMPUTER SCIENCE
Villanova, PA

SKILLS

PROGRAMMING

Java • Python • TypeScript • C, C++
JS/HTML/CSS (Fullstack Development)
Swift (iOS) • PHP • MySQL

TECHNOLOGY

Git/Github • AWS • Linux • React
Rails • Windows • MongoDB
Artificial Intelligence • DevOps

LANGUAGES

English • French • Hindi • Gujarati

RESEARCH AREAS

GRADUATE

Platform Design
Deep Learning & Web Development
Software Program Management

UNDERGRADUATE

Artificial Intelligence
(Teaching Assistant)
Analysis of Algorithms
(Teaching Assistant)
Platform Based Computing
Machine Learning
Programming Languages

ORGANIZATIONS

Capital One Coders Technology Tutoring
Association for Computing Machinery
(ACM)
National Science Foundation
Relay for Life

LINKS

Github:// skaneri1
LinkedIn:// skaneria
Personal Site: www.shloks.com