BEN SHAJI

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PROFESSIONAL OBJECTIVE

I'm highly passionate about working in the architectural, backend/logical part of any software system.Basically, any software job having many facets and are driven by R&D.

EDUCATION

- APJ Abdul Kalam Technological University - Bachelor of Technology in Computer Science and Engineering (2017-2021)

HANDS-ON EXPERTISE

- AWS services: Cognito, API Gateway, Lambda, SNS
- Programming Languages/scripts: Python, Bash, JavaScript
- Web Frameworks/libs: Django, DRF, Flask, React
- Software platforms: Retool, Azure AD, Auth0

SKILLS

- POSIX & Python Regex, Linux scripting & automation
- Linux - System Administration and Networking
- Web scraping - Scrapy, Selenium
- Advanced object detection systems - OpenCV, Numpy, TensorFlow
- Unified Access Control Systems - OAuth, SSO, RBAC (Auth0)
- Multi-Tenant applications - AWS Cognito, Django-tenants
- Containerization and Virtualization: Docker, QEMU/KVM

PROJECTS

- XREP : A POSIX-Extended and Python-re (regular expression) Generator
- Pilot-Realm : Enterprise IoT management toolkit with multi-tenancy support
- TRM-Eye : Advanced object detection for industrial thermal sensing
- Alertman (formerly Raven Insight): Simple and scalable alert manager for time-series data
- PIPE6 : A secure, serverless messenger and filesharing over IPV6
- REMOTOR : IoT control system: River cleaning boat - sensor, motor command via RSPB Pi server over IPv6
- Other projects/scripts at GitHub/b3nsh4 and b3nsh4.com/projects

ACHIEVEMENTS & AWARDS

- Best B.Tech Project award: CSE dept 2017-2021 batch

- A Grade: IT Quiz - 2015 (sub district level) by Govt. of Kerala
- A Grade: Web designing - 2016 (sub district level) by Govt. of Kerala

PUBLICATIONS

- INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) ICCIDT –
  2021 (Volume 09 – Issue 07) <u>Secure Peer-To-Peer Messenger and File Sharing
  Over IPV6</u>
- Blog: <u>b3nsh4.com/blog</u>

INTERESTS

- Linux Ricing, Blogging, OSINT, Network pen-testing

SOCIAL PROFILE

- Github: <u>b3nsh4</u>
- YouTube: <u>@b3nsh4</u>
- LinkedIn: <u>b3nsh4</u>