Abdul Wasay

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EDUCATION

UNIVERSITY OF MICHIGAN-ANN ARBOR
M.S in Information Science
Fall 2021 incoming

SAVITRIBAI PHULE PUNE UNIVERSITY
B.E. in Computer Engineering
May 2018
Cumulative score: 74.25%

LINKS

Github:// **KnightTuring**
LinkedIn:// **AbdulWasay**

COURSEWORK

UNDERGRADUATE
Data Structures & Algorithms
Operating Systems Design
Design & Analysis of Algorithms
Computer Networks
High Performance Computing
Software Engineering
Computer Graphics & Gaming
Unix Tools and Scripting

SKILLS

PROGRAMMING
Languages & Software:
C++ • Python • C • Java • Android •Bash scripting • Erlang • LaTeX
Web Development:
Javascript • HTML • CSS • Bootstrap 4
Tools:
Git • gdb(GNU Debugger) • gnuplot • gcov • Make • Maven
Frameworks:
Hyperledger Fabric • Flask • Hibernate
Databases:
IBM DB2 • MySQL • SQLite • MongoDB • Neo4j
Operating Systems:
Linux • Windows
Caching:
Redis
Message brokers:
IBM MQ • RabbitMQ

WORK EXPERIENCE

PERSISTENT SYSTEMS LTD. | Senior Software Engineer
July 2018 to August 2021 | Pune, India
Responsible for handling the design, development, integration testing and documentation of a high-performance modular forex trading platform (and its associated services) capable of handling upwards of $ 7 trillion worth of trades on a daily basis for a specialist US financial institution.
Software stack:
Java, C++, Hibernate, Python, Erlang, Shell scripting, JUnit, CppUnit, Python unittest, IBM DB2 and IBM MQ .

MAJOR PROJECTS

EVM 2.0 | A Blockchain based voting system (Indian Patent No. 201821015256 pending)
August 2017 - August 2018 | Persistent Systems Ltd. and PCCOE, Pune

- Developed a secure and robust voting machine using a Raspberry Pi 3 and Linux OS that stored votes on a blockchain network.
- Software stack:
  Ethereum & Hyperledger Fabric, Flask for REST APIs, Go, Shell.

FEEDBACK ANALYZER | Automated Customer Feedback analysis
February 2018 – May 2018 | PCCOE, Pune and My Travel Junction

- An end to end automated customer feedback analysis system built for a travel agency. Significantly reduced time and resources required for manual segregation of customer feedback.
- Powered by a Naive Bayes classifier for sentiment classification of feedback given by customer through an Android app.
- Software stack:
  Python, Android(Java), Flask with REST APIs, Firebase (Realtime Database, Cloud Messaging and File Storage).

SIDE PROJECT

MUNCHIN | A social media platform for foodies
September 2020 - February 2021 | Remote work

- Assisted in the design and development of the codebase for the core back-end server modules including REST APIs, video upload service, caching and the content recommender system.
- Software stack:
  Python, Flask, Neo4j, GraphQL, PostgreSQL, REST APIs, Redis, Rabbit MQ, Shell scripting

HONORS

- Work awards: Awarded the performance award thrice at Persistent Systems for high quality deliverables.
- Google Student Facilitator: Selected by Google Inc. from applicants nationwide (30 applicants selected across India) as a facilitator for the Applied CS Skills program.
- Chairperson of the PCCOE ACM Student Chapter: Awarded the runner up prize by ACM India for the Best Student Chapter in India.
- National Finalist at the Smart India Hackathon 2017