AKHIL SUDHAKARAN

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EXPERIENCE

Micro Focus – Software Engineer 1   Aug '18 – ongoing
Key Responsibilities: Bangalore
  - Responsible for developing features for an enterprise product that handles predictive analysis of   Karnataka
    vulnerability, security, compliance & patching of servers in a data center across multiple platforms.
  - Belong to a team responsible for converting legacy code base from python 2 to python 3.
  - Responsible for tooling and developing scripts to simplify dev efforts across the organization.

notNull – Software and Web Developer Intern   Oct '15 – Jan '16
Key Responsibilities: Bangalore
  - Worked in a small team and developed their web app using materialize framework.   Karnataka
  - Developed REST APIs in NodeJS for their services.

EDUCATION

Sir M. Visvesvaraya Institute of Technology (Affiliated to Visvesvaraya Technological University) –   Aug '14 – Aug '18
B.E., Computer Science & Engg.   Bangalore Karnataka
Electives: Pattern Recognition, Artificial Intelligence, Network Security, Software Testing, Java & J2EE

SKILLS & HIGHLIGHTS

Languages: Python, C, C++ (Proficient) | Shell, HTML, CSS, Javascript (Intermediate) | Java (Beginner)
Tools, Frameworks, Platforms & Highlights: Git, NodeJS, Angular, Docker Linux, Android and SAFe Agilist

PROJECTS

  - **Easy Bluetooth:** An Android app that helps in smartly connecting to A2DP Bluetooth devices without interacting with the phone. [GitHub]
  - **Quick Notes:** A social network for sharing educational content which uses Django backend and React frontend
  - **Twitr-Traffic:** An app that gives real-time traffic conditions on routes/roads specified by the user by scanning Twitter tweets and also show statistical data.
  - **CRYPText:** A text and picture encryption app based on AES encryption algorithm. [GitHub]
  - **OpenGL Wrap-Around-Minesweeper:** A multiplatform game of minesweepers with a small twist. Developed using OpenGL library for the Computer Graphics Laboratory project. [GitHub]
  - **JavaScript Based Games:** Made several JS based games:
    - **Ball-Escape:** A Flappy bird clone written entirely in javascript. This uses features of HTML5 and drawing capabilities of p5.js. [GitHub]
    - **Tic-Tac-Toe Minimal:** A nodeJS based minimalistic pvp multiplayer TicTacToe game using express.js and socket.io for managing connections. [GitHub]
    - **Common-Canvas:** A fun nodeJS based website that creates a common canvas for two people to draw on, when connected. [GitHub]
  - **Yuva Kalanjali App:** The official android app for the Yuva Kalanjali 2017 inter college fest. [GitHub]

ACHIEVEMENTS AND ACTIVITIES

  - Received **First Class with Distinction** on all 8 semesters of Visvesvaraya Technological University.
  - Received a medal for being one among the **top 10 performing students** at Sir M. Visvesvaraya Institute of Technology.
  - Was selected from applicants all over the country to the **IIITB Summer School on Theoretical Computer Science.**
  - Received the **Tata Trusts & Google India Android Nanodegree Scholarship** awarded to a 1000 people in the country.
  - Received one of the **Best Five DBMS Lab Projects** in Sir M. Visvesvaraya Institute of Technology.
  - Secured **100% marks** in Engineering Mathematics IV.
  - One among the **top 10 students** in **grade 10 ICSE** and received **100% in Computer Science.**

  - I was a Firefox Student Ambassador and I had to organize workshops and technical seminars.
  - Participated in several hackathons and summer schools.
  - **Chief designer** of the 2018 issue of the **College Magazine** titled "Brindavana".
  - **Editor** of the 2017 issue of the **Computer Science Department Magazine** titled "Ganak Patra".
  - Belonged to a group called "Parivartan Ek Shuruat" where we help children from government schools.
    [View this *Excel document* for the list of **hackathons / summer schools / workshops** and **Online Courses** taken.]