

AMEY KASBE

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EDUCATION

B. Tech: Electronics and Communication Engineering, 2018
Maulana Azad National Institute of Technology – Bhopal

GGPA: 8.15/10

WORK EXPERIENCE

Founder and Business Owner, 05/2020 to present

Augment Technologies – Indore, MP, India

- Founded a software firm that specializes in assisting schools by providing digital solutions and products.
- Conceptualized and developed a school management application "Athena". Athena provides interactive dashboards to manage administrative tasks, monitor daily activities, and handle resources.
- Strategically developed a business model and participated in all facets of business development.
- Communicate with the schools to identify their challenges and customize the product to meet their requirements.
- Plan and oversee all organizational operations, key policies, and objectives to maximize the team's productivity and return on investment.
- Recruit and train all new personnel to ensure the fulfilment of the firm's vision and goals.

Project Engineer, 08/2018 to 05/2020

Wipro Limited (Contingent Employee at Cisco Systems) – Bangalore, KA, India

- Acted as a solo project executor, designed and developed log reporting application from the onset by applying contemporary open source technologies like Django, Python, JavaScript, and Bootstrap to significantly reduce the expenditure on the legacy software.
- Worked on legacy log reporting application on Splunk to analyze Big Data. Created the layout using HTML5, CSS, and JavaScript, visualized the data according to the business needs using SPL queries, and advanced XML on Splunk.
- Introduced machine learning for anomaly detection to determine any unusual activities in data.
- Mentored and guided interns and team members, ensuring they are capable of performing assigned duties.
- Gained exposure in all phases of the System Development Life Cycle (SDLC) – Agile.

PROJECTS UNDERTAKEN

Athena (Django, Python, PWA, Django-Tenants, Materialize CSS, Ajax and more)

Athena is a web application, which helps with parent-teacher communication and school administration. This product, accessible from any device, assists teachers in their day-to-day activities like marking attendance, sharing students' homeworks, remarks, and results with parents.

Point Profile (Django, Python, Chart.js, GitHub REST API, Materialize CSS and more)

A web application to analyze GitHub profiles and repository statistics with Data Visualization.

Fact Football (Django, Django REST Framework, Python and more)

A REST API developed using Django Rest Framework to share football facts. Get a random fact, list all facts, update or delete a fact with the support of GET, POST and DELETE HTTP methods, which can be performed on the provided endpoints.

Credit Card Fraud Detection (Python, Machine Learning)

Examined data preprocessing techniques and performance of six different predictive models in Python to credit card fraud detection problem on an imbalanced dataset.

INTERNSHIPS

Universidad Carlos III de Madrid, Madrid, Spain

June, 2018- July, 2018

Project: Application of Deep Learning in Beam-Selection on 5G MIMO Data

Introduced machine learning in the 5G massive MIMO research by investigating the beam-selection techniques on vehicle-to-infrastructure millimetre-wave communication, based on vehicle positions and sizes by various classification techniques and Deep Learning in Python.

Wipro Limited

May, 2017- July, 2017

Project: Automation of Analytic Solution for C-RAN setup

Automated deployment, execution, testing, and notification of results to respective developers using Python and Jenkins, thereby reducing the processing time as well as human efforts.

TECHNICAL PROFICIENCY

- Languages: Python, C, JavaScript, HTML5, CSS
- Frameworks: Django, Django REST Framework
- CSS Frameworks: Bootstrap, Materialize
- Other: GitHub, Pythonanywhere
- Tools: Splunk, Git, Apache Subversion, Jenkins, Jupyter Notebook
- Platforms: Microsoft Windows, Unix

PUBLICATIONS & CERTIFICATIONS

- “Fake News Detection”, IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 2018.
- Agile software development, LEAN Methodology and Supply Chain management certifications by Wipro Ltd., 2019
- Security training by Cisco Systems on “Cisco Security White Belt Foundational and Advanced training” and “Cisco Security Green Belt training”, 2019
- Certifications in C++, and Data Structures & Algorithms from SCA, Bhopal, 2015-16
- Trained over Basic Telecom by “Bharat Sanchar Nigam Limited”, 2016

POSITIONS OF RESPONSIBILITY

- Vice-Chairman at IEEE MANIT Student Branch (April 2017- March 2018)
- Treasurer at IEEE MANIT Student Branch (April 2016- March 2017)
- Core Team Member at IEEE MANIT Student Branch (April 2015- March 2016)
- Conducted IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS'16)
- Conducted Seminar on "How to write a Research Paper", 2016
- Organised Intra College Workshop On HTML/CSS, 2016
- Campus Ambassador for Techfest, IIT Bombay, (Asia's Largest Technical Festival), 2016
- Member of Rotaract Club (Social Service Club) of MANIT (August 2015- March 2018)
- Organised Aarambh, a social initiative to enlighten and practically teach underprivileged school kids the concepts of science and made them aware of the potential career choices and the processes involved, (2015, 2016, 2017)
- House Captain at Sarafa Vidya Niketan, Indore, (July 2013- April 2014)

ACCOMPLISHMENTS

- Awarded scholarship for academic performance in Higher Secondary Examinations (Grade 12) by M.P. Government of India, 2014
- Received the ‘Best Student’ Award, Sarafa Vidya Niketan, 2012
- Secured 2nd position in Indore district (M.P.) in High School Examinations (Grade 10), 2012
- Secured 1st position in Indore district (M.P.) in Primary School Examinations (Grade 5), 2007
- Secured 1st position from Grade 1 to Grade 12, Sarafa Vidya Niketan