Kunal Malhotra

me@knrmalhotra.com
knrmalhotra.com | Github | Stackoverflow

EDUCATION

Birla Institute Of Technology And Science, Pilani Dubai Campus
B.E (Hons) in Computer Science | Class of '18

EXPERIENCE

IBM
Software Engineer - Watson And Cloud Platform| Oct'18 - Present
- Recently being assigned as the Play Technical Leader for App Modernization in MENA region.
- Main responsibilities includes define, design and develop cloud native applications and continuously discover, evaluate and implement new technologies & best practices to maximize development efficiency.
- Supporting IBM MENA analytics team for key projects as Data & Machine Learning Engineer.

IBM
Developer Advocate Intern | Sept '17 - Aug '18
- Worked closely with GBS to develop a Blockchain Demo presented at Arab Health Conference in 2018. Main person in charge of frontend and testing for the application.
- Developed Skill Analytics application for business leaders of IBM Middle East to analyze the skill-set of their teams in the Middle East, Africa, and Turkey.
- Developed a Demo using Watson Studio, Watson Visual Recognition and IBM Mobile Started service for W&CP team.
- Worked in the early stages of ADSIC Project (Abu Dhabi Systems & Information Center) and helped with delivering the first working draft.
- Co-creating and co-delivering "Break into AI" - a popular series of workshops for developers who want to gain technical skills in the field of AI.
- Organized several Data Science, Machine Learning, Deep Learning, Containers, Kubernetes and Mobile app Development workshops.

Startup Elves
Software Developer Intern | July '17 - Aug '17
- Interned at Startup Elves, in the app development team, working primarily in the android application development.
- Developed BeeHealthy Android application using technologies such as OpenCV, Google Cloud, and Mobile Vision API.
- Developed Firebase backend for the application.

Paccked
Co-Founder | Oct'16 - Nov'17
- Product development lead.
- Developing the mobile application (Android and iOS) under productivity and efficiency improvement category.
- Developed custom APIs to support the development of mobile applications.

Prof BankU
Tech Lead | June'15 - Present
- Product development lead.
- Developed an Android application under e-learning category, helping the student to prepare for government exams in India.

Innovation i360
Developer Intern | March'15 - May'15
- Innovation i360 technical team; worked primarily in HTML5 and CSS3 and occasionally PHP.
- Created a new database for the website www.turn8.co.
- Designed and developed a website know as www.devlab.com.

AWARDS

- Awarded as **Rookie Of The Year** for technical achievements at IBM's Annual Event in Spain
- Won the **2nd Prize (Best Use Of Data)** at Dubai Happiness TechSprint 2018 organized by
- Startupbootcamp and SAP.
- Presented Paccked at IATA **International Business Travel Submit 2017** at Geneva, Switzerland.
- Won the **Developer Prize Award** and **Emirates Special Award for Best API** usage at IATA NDC
- Hackathon held in Dubai.
- Won the **Bronze Medal** at the Ministry of Finance Smart Cities Hackathon held in Dubai.
- Received **1st place** in Code Jam 2016 organized by Oracle at Middlesex University Dubai.
- Received **3rd place** in Visa Digital Payment Hackathon 2016 held in Dubai.
- Won the **3rd Prize** and **incubation at Hamdan Innovation Incubator** at Hacka {MENA} Hackathon
- held in Dubai.
- Received **2nd place** in IoTX Hackathon 2015 organized by Government Of Dubai.

ACADEMIC WORK

Large Scale Sentiment Analysis Using Apache Spark

Prof. V. Santosh Kumar | Feb'18 - May'18 | Bachelor Thesis

- Build a framework for Large-Scale Sentiment Analysis capable of handling Millions of Nodes using Apache Spark.
- Implemented the famous bag of words algorithm from scratch.
- Technologies Used:- Apache Spark, Apache Kafka, MLlib2, Pandas, Matplotlib, Python.

SKILLS

Data Science, ML & DL [Keras, Scikit-Learn] Java, Kotlin[Android], Python [Flask],
Go Lang, Vanila JavaScript, C, Git, Docker, Kubernetes, Gradle, Nginx.