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SACHIN DEV. S

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EMPLOYMENT

Software Engineer, Team Lead **Tricodia Co.** **July 2016 - Present**

- Responsible for Customer Relations from Idea to Delivery.
 - With customer feedback, created and redesigned the User Interface of the Web App.
 - Implemented Push Notification using Google Cloud Messaging. Optimized render time by caching.
 - Responsible for the Apache & Nginx Server Configuration & Maintenance.
- Trained 10 Interns on Web Development and completed a fully responsive, multi user login website.
Self-led start-up of three while still in college. Has raised revenue of approx. 7000\$ from 10+ projects.

SCHOLARSHIPS AND INTERNSHIPS

Online **Udacity** **Nov 2018 – Jan 2019**

- Recipient of Udacity's PyTorch Scholarship Nanodegree sponsored by Facebook
- Created a Machine Learning model which can classify 102 varieties of flowers with accuracy of 89%.
 - Did a side project to predict probability of a cell having Malaria with accuracy of 85%.
 - Made a Script Generator using Recurrent Neural Network and Style Transfer using VGG19 model.

Summer School **IISc, Bangalore** **July 2018**

6th Undergraduate Summer School Department of Computer Science and Automation, IISc.

- A total of 87 Students were selected from India with travel stipend.

Product Development, Fellow **Hasura** **Jan 2018**

- Top 10 percentile of a MOOC - Introduction to Modern Application Development, received Internship.
- Built a Natural Language Classifier using Watson API and React Native.

Incubatee **SV.Co** **July 2016**

30 Startups out of 3000 applications were selected for Incubation

- Fully Sponsored visit to Silicon Valley for 10 days to get a taste of the Start-up Ecosystem.
- Was awarded "Start-up Kit" by Kerala StartUp Mission & 20,000\$ in credits from G-Cloud, AWS, Digital Ocean.

EDUCATION

Palakkad, Kerala, India **N.S.S College of Engineering** **2015 - 2019**

- B. Tech in Computer Science and Engineering with elective in Machine Learning. GPA: 8.0/10.
- Undergraduate Coursework: Data Structures; Operating Systems; Databases; Algorithms; Machine Learning.

TECHNICAL EXPERIENCE

Projects

- **Train Delay Prediction** (2019). With historical delay of trains in India and the weather patterns, made a prototype which could predict the delay of a train in any future day.
- **Health Management App** (2018). An iOS App which can monitor all the diet, exercise, water consumption and health of a user. Direct help with a doctor and recommendations are also implemented.
- **Blood Donation App** (2017). An Android App which can connect a blood donor recipient.

ADDITIONAL EXPERIENCE AND AWARDS

- **Technical Head – Entrepreneurship Cell (2016-2019)**: Trained & Mentored Startup Aspirants with 5+ startups running successfully. Conducted & Coordinated over 20+ Technical & Non-Technical Events.

Languages and Technologies

- Python; C; C++; PHP; Swift; HTML; CSS; JS; MySQL; Flask; React Native; React.js
- PyTorch; MongoDB; Firebase; Android Studio; XCode; Photoshop; Illustrator