Mohammad Sameer Malik | Software Engineer

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Education

IIIT Delhi B.Tech (Electronics and Communications Engineering)	Graduated in 2018

Skills

Expertise Area	Frontend/Backend Development of Web, Mobile and SmartTV Apps, Data Structures and Algorithms
Programming Language	C, C++, Python, Javascript, Java, PHP
Tools and Technologies	ReactJS, React Native, Redux, Django, Android Studio, HTML5/CSS3, jQuery, Cordova, Git, MATLAB, AWS, APIs, REST, JSON, Meteor.js, Express.js, AngularJS, Eclipse, Swift, IOS, Xcode, tvOS, Ruby on Rails, JIRA, MongoDB, Apache, Nginx, Linux, MySQL, PostgreSQL, no-SQL DBs, Firebase, Flask, Axure RP, 3D Modeling(Blender), Cartoon Video Animation
Technical Electives	Designing Human-Centered-Systems, Privacy and Security of Online Social Media, Digital Image Processing, Computer System Management, Mobile Computing, Wireless System Implementation, Cellular Communications, Signals and Systems, Digital, Linear and Integrated Circuits, Computer Architecture, Embedded Logic Design.

Experience

GeeksforGeeks   (Oct 2019-Present)

Position:Software Engineer

Working on the Contribute, Video Streaming and Script Portals

- Developing the Frontend using ReactJS
- Creating the API services using Models, Serializers and Views for the app using Django on the Backend
- Resolving issues of the server side code written in PHP
- Created the Backend for Android App using Django
- Did deployment of the apps using Apache and Nginx

Icflix   (Oct 2018-Aug 2019)

Location:Dubai, UAE

Position:Software Engineer

Worked on Web, Mobile and SmartTV Applications of Icflix
- Created a new Smart TV App using React JS for Samsung Tizen and LG WebOS TV Platforms
- Developed tvOS client-server side app for Apple TV using Apple's TVJS framework used Swift and Javascript
- Developed an HTML5 app for Playstation 3 & 4
- Worked on the UI/UX part of the above apps created UI's using Axure RP
- Platforms worked on: Samsung, LG, Playstation 3 & 4, Apple TV, Hisense, Roku, TCL, Website
- Created admin dashboard used for order management using ReactJS for a food delivery app project

Online Mocks   (Sep 2018)
Position:Software Engineer
Worked on a Mobile App project made using React Native and Meteor.js
- Wrote the client and server side code of the app
- Developed the UI using React Native
- Used Meteor.js app for Backend which took the data from the MongoDB Database
- Worked on the API

Sevya IT Pvt Ltd   (Jan-June 2017)
Position:Software Developer
Guide: Mr.Srikant Reddy Modogula
Worked on various projects on the product named SurveyGamez
- Worked on Gamez2Learn which is an e-learning platform for students. Improved the functionality of the Web App resolved various front-end issues. Developed a cross platform Mobile/Tablet App using cordova for the project which lets the user to login and view courses, learn online from the modules and later give quizzes.
- Resolved various UI/UX issues in Gamez2Hire Web App and Mobile App which is a job portal made using SurveyGamez API.
- Established the web server functionality in Shiksha Tablet App.

Freelance Developer   (May 2015-Present)

- Coordinate and communicate with customers to plan software projects from concept through completion, utilizing a variety of software development tools and technology.
- Used technologies like HTML5, CSS3, Javascript, jQuery, PHP in web development projects
- Created 3D Cartoon Animation Video for a Client based out in Ireland https://www.youtube.com/watch?v=ht3kMqvQHHY

Few Projects:

Developed websites for the following:
- St. Anthony's International School stanthonysinternationalschool.org
- Head of Workplace Uber India drjosephthomas.com
- Furnishing Store ansarifurnishing.com
- Corporate Designing and Printing Company panaceaprint.in
- Joint Director NIPCCD drkcgeorge.com
- Happiness is Handmade a gift company happinessishandmade.in
- Haryali Export Enterprises an import/export company haryaliexport.com

- Roshan NGO roshanngo.in
- An NGO Haryali Center for Rural Development haryali.org.in
- Social Development Organization abnaki.in
- Charitable Trust lsctrust.org
- Society for Economic Development & Environmental Management sedemindia.org
- Former Union Minister of State saleemshervani.com
- Cardiologist drperwez.com
- Study Abroad Consultants euroeducation.in
- Software Solutions Company maxcellabesol.com
- Home Decor Company limrahomedecor.com
- Distress Management Collective dmcdelhi.org
- Ibteda NGO ibteda.org.in
- Some more projects are ongoing

Projects

Form Scanner Software   (Sep-Dec,17)
Guide: Dr. A.V Subramanyam
An android app that helps you to capture the form and extract
content inside it. The picture is uploaded to the server and saved
to the MySQL database and with the help of Tesseract OCR Engine
we extract data inside the picture and send the response back to
the app via the server.

Privacy Control Chrome Extension   (Sep-Dec,17)
Guide: Dr. Ponnurangam Kumaraguru
Privacy Control provides you with a simple dashboard to protect
yourself from various privacy threats on online social media
platforms like Facebook, Twitter and LinkedIn. It enables you to
change your privacy settings to recommended options on various
social media such that your private information is protected.

Project LazyPizza   (Jan-April,17)
Guide: Dr. Ponnurangam Kumaraguru
An Android App for food delivery system for hostellers within
IIIT-Delhi. The App lets the user view and order food from the
canteen and pay delivery charges with virtual currency from an
e-wallet in the app.

IIITD MEMES Android App   (Oct-Nov,16)
Guide: Dr. Pushpendra Singh
A social media app which lets users to login from Facebook/Twitter
and create memes and upload them on news feeds which can be viewed
by other users of the app. The users can like/comment and share
other user's posts.

3D Modelling and Animation   (Oct–Nov,14)
Guide: Dr Jyoti Sinha
Created 3D models and animations using Blender. It ranged from
Castle Modelling to Trees Modellings, from a moving Submarine to a
moving Train, Sailboat and a Horse Cart.

Surveillance Robot Controlled using DTMF   (March-May,15)
Guide: Dr Sanjit Kaul
A human controlled vehicle which can be used for surveillance.
User sends inputs from the Mobile phone to the DTMF module
connected to the Arduino and receives video of the corresponding
location.

My Github Profile: https://github.com/sam25malik

Positions of Responsibility

- Volunteer, Advantage Age Card Program, HelpAge India Head Office (July 2014)
- Volunteer, Hardware Hackathon, Esya'15   (Aug 2015)

Awards and Achievements

- Best All Rounder in Cricket, Sports Day 2009, Mayoor School
- Secured 615 rank worldwide in Codechef Snackdown 2017 out of 21038 participants
- Runner up Team, Intra College Cricket Tournament 2014
- Runner up Team, Intra College Cricket Tournament 2015
- Certificate of Participation in Cricket, Twaran'14(Sports Fest), IIITM Gwalior
- Certificate of Participation in Cricket, Twaran'15(Sports Fest), IIITM Gwalior

Additional Courses

- Code School Certificate, Shaping up with Angular.js
- Machine Learning by Stanford University (Coursera)
- Formal Software Verification by University of Maryland (Edx)
- Bitcoin and Cryptocurrency by Princeton University (Coursera)
- Introduction to ReactJS by Microsoft (Edx)
- AWS Developer: Building on AWS by AWS (Edx)
- AWS Developer: Deploying on AWS by AWS (Edx)
- Artificial Intelligence by Columbia University (Edx)
- Server-Side Development with NodeJS, Express and MongoDB (Coursera)

Interests and Hobbies

- Cricket(College and School Team)
- Football(School Team)
- Competitive Programming
- Movies/TV-Series

Declaration: The above information is correct to the best of my knowledge.
Mohammad Sameer Malik
Date: 20th December, 2020