

DEEPAK P

Full Stack Developer

A Passionate Software Engineer with good problem solving skills and 2.5 years experience in Web Development aiming to seek a solid position in a reputed firm.

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Bangalore, India



Work Experience

Software Development Engineer

Jul 2019 – Present

Siemens Gamesa Renewable Energy Pvt Ltd

- Project : Track and Trace Tools and Equipment**

Part of core development team for building an end to end solution for Track and Maintenances of Equipment for SGRE manufacturing plants. Application is used to track, share (via mobile and mail) and store individual equipment details, antenna details, live location, reports etc. Approx 600k Euro cost saving for FY'21 and when fully rolled out globally over 100k Euros/month savings.

As a part of this project worked on plotting equipment movements, AAD authentication, upload and validation of files, real-time messaging with signalR, Azure Search service, Azure Functions and Applnsights integrations etc.

Tech Stack:

Frontend: React, TypeScript, JavaScript, MobX

Backend: C#, .NET Core, SQL, Azure, Microservice Architecture

- Project : Super Smart Loads and Design**

Part of development of end to end solution which helps potential customers and SGRE Engineers to submit and validate project site climatic conditions data and to chat and interact through the web app.

Tech Stack:

Frontend: React, TypeScript, JavaScript, MobX

Backend: C#, .NET Core, SQL, Azure, Micro-service Architecture

Engineer Intern

Jan 2019 - Jun 2019

EVQPoint (a Bangalore based startup working in Electric automotive sector in providing smart charging solutions and services)

Skills

- React, JavaScript, TypeScript, HTML, CSS, MobX
- Microsoft Azure
- C# Asp.Net Core
- Java
- REST API Design
- SQL
- Problem Solving and Logical Thinking
- Experience in working with Git, Azure DevOps, Visual Studio, VS Code

Achievements

- Spot Award for contributions in Track and Trace project
- Received Award for best team in organization level for Track and Trace project
- IEEE Paper: "A Novel Bi-Directional Converter Algorithm for Electric Vehicle to Grid Applications"
- All India Graduate Aptitude Test in Engineering (GATE-2017) Score : 680 , Rank = 1297 out of 117443

Education and Qualification

M.Tech in Electrical and Electronics Engineering

Aug 2017 - May 2019

National Institute of Technology Karnataka

CGPA 8.43

B.Tech in Electrical and Electronics Engineering

Aug 2012 - May 2016

Government Engineering College Thrissur

CGPA 7.93

HSC

Jun 2011 - Mar 2012

Sree Valluvanad Vidya Bhavan Perinthalmanna

93.2 Percent

Personal Projects

- Personal Website : <https://deepakpallath.github.io/Personal-Website>
- SmartHome Web App (in progress)