

DEEPAK PRASAD

SENIOR APPLICATION ARCHITECT

◦ DETAILS ◦

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📅 06/02/1993

📍 Bangalore, India

◦ LINKS ◦

[LinkedIn](#)

[Portfolio](#)

◦ SKILLS ◦

Python

HTML/CSS/JavaScript

Java/Android

C++/C

Angular & Bootstrap

SVN & Git

o9 Platform & IBPL

◦ SOFT SKILLS ◦

Execution & Problem Solving

Communication

Debugging & Troubleshooting

◦ LANGUAGES ◦

English

Hindi

Manipuri

German

◦ OTHER SKILLS ◦

SQL

Software Development

SDLC

Requirement Analysis



◦ PROFILE ◦

Dynamic Software Engineer with over 8 years of experience in software development and architecture. Proficient in leading projects to enhance performance and optimize functionalities across multiple platforms. Successfully mentored teams to achieve project milestones, while optimizing supply planning plugins and developing innovative applications in Python and Angular. Proven ability to drive significant improvements in operational efficiency, positioning to deliver exceptional value in software architecture roles. Passionate about creating and innovating, driven to make a difference and leave the world a better place.



◦ EMPLOYMENT HISTORY ◦

Senior Application Architect at o9 Solutions, Bangalore

February 2019

- **Designed & implemented architectural solutions** for seamless integration of 3rd-party solvers with the o9 Platform, ensuring efficient **interoperability and scalability**.
- **Redesigned & optimized** core Supply Planning (SP) features to enhance **performance** and enable **parameterization**, resulting in significant efficiency improvements.
- **Mentored & guided** a **team** of developers, ensuring successful project deliveries and fostering skill development across various initiatives.
- Owned and enhanced critical Supply Planning plugins, including **Demand Netting, Order Promising, and TLB (Heuristic)**, along with custom field implementations, tailored to diverse client requirements.
- Developed and maintained multiple versions of core plugins, ensuring seamless customization and deployment for various clients.
- **Designed, Developed and maintained** several **native applications (python)** and **web applications (angular)** which were utilized by the consultant of o9 solutions. A few of these apps were Tenant Extractor, Tenant Builder, Rule Creator, Data Discovery Solutions, and Performance Analyzer.

Associate Engineer at Primesoft Solutions Inc, Bangalore

June 2016 - July 2019

- **Google API integration with Python:** Research and Integration of various Google API with an existing application using Python.
- **Stabilization of older assets and addition of new assets** for a security project which helped in protecting Enterprise critical assets.
- Development of an **Attendance Management System** and **Visitor Management System** which would automate the whole attendance system in an enterprise using android.



◦ EDUCATION ◦

Bachelor of Engineering in Computer Science, (SJCE, Mysore)

August 2012 - May 2016

- **Gender Recognition based on Palm-print for Pattern Recognition:** Palm-print image was captured for an individual and based on the dimension of the palm, the gender of the individual was categorized. (Matlab)
- **Congestion Control for Computer Network:** Congestion in a network was controlled using priority-based load-shading. (C)
- **Web Tutorial:** Text and video-based learning/tutorial website for students. (HTML, CSS, & JS)

AISSCE, (JNV, Bishnupur)

August 2009 - April 2011

- **Merit** score in Mathematics



◦ CERTIFICATION ◦

Introduction to Data Science Specialization(4 Courses), Coursera, IBM

January 2021

Python for Everybody Specialization (5 Courses), Coursera, University of Michigan

May 2017



◦ REFERENCES ◦

References available upon request.