

## Shet Shrikant Avinash

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### Career Objective:

To learn daily in this constantly changing & rapidly progressing world by using my knowledge as well as potential and thereby contribute to the field I work in, add value to the group I work with, and exploit my own enthusiasm for learning for real life problem solving.

### Key Skills:

- **Frontend:** HTML, CSS, JS, jQuery, ReactJS, Axios, ChakraUI, TailwindCSS, Apollo Client
- **Backend:** NodeJS, ExpressJS, TypeORM, GraphQL, postgresSQL, Redis
- **Languages:** TypeScript, Javascript, Python, HTML
- **Others:** Git, Jira, Confluence, ClickUp, MockPlus, OpenProject

### Professional Experience in IT Services\*:

Sr. No.	Position Held, Department and Organization	From	To	Experience
1	Freelance Software Developer	19 Jan 2021	Present	2+ months
2	Project Manager Intellection Software and Technologies Pvt. Ltd.	3 Jan 2019	18 Jan 2021	2 years

\*Note that this is exclusive IT experience. The overall experience is detailed out in appendix 1.

### Software Development Projects as a Freelance Software Developer:

#### Project 1:

- Title: WebApp and a Progressive WebApp for Vishanema Dnyati Mandal
- Brief Description: Vishanema Dnyati Mandal is a Gujarati minority community with a population of about 10k individuals. For the trust, I've created a web application that facilitates maintaining a live listing of community members.
- High Level Features: User Management, Dashboard, Profile Management, Invitation Management
- Status: Currently live, with about 100 families who've already joined, and about 800 more families to be joining by July 2021.
- Stack:
  - Front-end: ReactJS, ChakraUI, Axios, Formik, Yup
  - Backend: NodeJS, ExpressJS, TypeORM
  - Database: Postgres
  - Others: Git, AWS EC2, Nginx, ClickUp
- My Responsibilities in the Project: End-to-end development, testing and deployment. My contribution is about 95% of development.
- Team's Responsibilities: Development team comprised of 2 members of which only I was responsible for development-testing-deployment. My colleague - Abhijit Ghogre, was responsible for code review, and resolve my queries regarding implementation approach. Actual team size exceeds 20, however, the 18 members are for managerial and operational aspects.

**Project 2:**

- Title: Confidential Product Development for Altrust Global Holdings Pvt. Ltd.
- Brief Description: WebApp development for a fintech product
- Stack:
  - Front-end: NextJS, ChakraUI, Apollo Client, TypeScript
  - Backend: NodeJS, ExpressJS, TypeORM, GraphQL, TypeScript
  - Database: Postgres, Redis
  - Others: Git, ClickUp
- My Responsibilities in the Project: Development, testing and deployment. My contribution is about 30%.
- Team's Responsibilities: The development team size is 2. The total team size is 5 where 3 members are CAs. My colleague Abhijit Ghogre's responsibilities include designing the application, implementation.

**Software Development Projects as a Project Manager:**

The projects delivered as a project manager are bound by a confidentiality clause, hence, an overview:

Project No.	Brief Overview	Team Size	Billable Hours	Stack
1	A custom ticketing system with a complex workflow and integration	4	370	.NET, Angular, MS SQL
2	Fraud detection algorithms	5	960	Python, Dataframes, MongoDB
3	A data visualization mobile application for clustering and overlaying real time data on maps	4	256	.NET, Angular, ReactNative, MS SQL
4	A WebApp with backend engine of Aspen Hysys	3	304	.NET, Angular, MS SQL
5	A POC for mathematical calculations for several GB data in a few seconds, involving probability and statistics	4	456	Python, Electron, Apache Drill
6	AI based chatbot	9	1368	Orbita
7	POC for a mathematical project involving probability and statistics	5	608	.NET, Angular
8	A web app and a mobile app (iOS as well as Android) for an educational product	5	1071	.NET, Angular, ReactNative
9	A mathematical simulation tool for petroleum industry	4	597	Python - Django, ZODB, ReactJS
10	An IoT product for mechanical industry	9	2405	Python, MongoDB, MySQL, ReactJS, Raspberry Pi
11	Requirement gathering and designing a professional networking app	5	509	-
<b>Summary</b>			8904 hrs	

The team reporting to me had the following skillset:

- **Front-end:** ReactJS, Angular
- **Back-end:** Python – django, .NET
- **Mobile:** ReactNative, Kotlin, Swift
- **Databases:** MongoDB, MS SQL, mySQL, SQLite
- **Other Technologies:** Wix, Orbita

#### **Educational Qualifications:**

- **Ph.D. Dropout**, IIT Madras, October 2017
- **M.Tech**, Thermal and Fluids Engineering, University Gold Medallist, Dr. Babasaheb Ambedkar Technological University, Lonere, July 2016. GPA: 8.52 (85.2%)
- **B.Tech**, Mechanical Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, May 2013. GPA: 8.02 (72.91%)
- **HSC**, Maharashtra State Board, February 2009, 84.67%
- **SSC**, Maharashtra State Board, March 2007, 82.30%

#### **Other Academic Achievements:**

Qualified GATE 2015, 2014 and 2013

#### **Publications:**

- Shrikant Shet, Omprakash Patil, Neeraj Agrawal, 2016, Energetic and exergetic studies of modified CO<sub>2</sub> transcritical refrigeration cycles, The 12<sup>th</sup> IIR Gustav Lorentzen Natural Working Fluids Conference, Edinburgh, Scotland. (Current citations of this publication: 3)
- Omprakash S Patil, Shrikant A Shet, Manish Jadhao, Neeraj Agrawal, Energetic and exergetic studies of modified CO<sub>2</sub> transcritical refrigeration cycles, International Journal of Low-Carbon Technologies. (<https://doi.org/10.1093/ijlct/ctaa042>)

#### **Honours and Awards:**

- **Voluntary Work/Social Service**
  - Technical Advisor to Kokan Vishanema Dnyati Mandal – A community of Vishanema people with 900 families, since October 2020.
  - President of ISHRAE Student Chapter 2012-13, Dr. B.A.T.U.
  - Coordinator of Mechanical Engineering Students' Association (MESA) 2009-10, Dr. B.A.T.U.
  - Coordinator in singing committee during Annual Social Gathering, 2012, Dr. B.A.T.U.
- **Sports:** Secured second position in Basketball competition in Annual Sports Meet 2009-10, Dr. B.A.T.U.
- **Cultural:** Secured first prize in Inter-Departmental drama, Antarad 2009-10, Dr. B.A.T.U., Lonere

#### **Personal Information:**

Name : Shet Shrikant Avinash  
Date of Birth : 23<sup>rd</sup> December, 1991  
Gender : Male  
Languages Known : Marathi, Hindi and English  
Hobbies : Reading, listening music, leading in organizing programs, blogging

#### **Declaration:**

I hereby declare that the above-mentioned information is true & I bear the responsibility for the correctness of the above-mentioned.

**Shrikant Shet**

**Appendix 1: Professional Experience Summary:**

Sr. No.	Position Held, Department and Organization	From	To	Experience (Months)
<b>IT Services Industry Experience</b>				
9	Freelance Software Developer	19 Jan 2021	Present	2+
8	Project Manager Intellection Software and Technologies Pvt. Ltd.	3 Jan 2019	18 Jan 2021	24
<b>Research and Teaching</b>				
7	Assistant Professor Mechanical Engineering Department Dr. Babasaheb Ambedkar Technological University, Lonere	4 Jul 2018	31 Dec 2018	6
6	Assistant Professor Mechanical Engineering Department Chh. Shahu College of Engineering, Aurangabad	18 Jul 2016	31 Mar 2018	20.5
5	Project Officer Mechanical Engineering Department Centre for Industrial Consultancy and Sponsored Research, IIT Madras	15 May 2017	7 Jul 2017	
4	Research Scholar Mechanical Engineering Department IIT Madras	8 Jul 2017	14 Oct 2017	
3	Teaching Assistant Mechanical Engineering Department Dr. Babasaheb Ambedkar Technological University, Lonere	18 Aug 2014	16 Jul 2016	23
<b>Mechanical Engineering Industry Experience</b>				
2	Graduate Engineer Trainee Pellet Plant Operations JSW Steel Ltd.	16 Jan 2014	17 Aug 2014	7
1	Graduate Engineer Trainee Six Sigma Department Sudarshan Chemical Industries Ltd.	16 Aug 2013	31 Oct 2013	2.5
<b>Total Non-Overlapping Experience</b>		<b>7+ years</b>		