Sonu Tiwari

A FrontEnd Heavy (React and NextJS) Fullstack Developer
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EDUCATION

PANJAB UNIVERSITY
B.E. in Computer Science
Jul 2014 - May 2018 | Chandigarh, IN

Cum. GPA: 7.26 / 10.0
Major GPA: 9.0 / 10.0

SCALAR ACADEMY
Data Structures, Algorithms, System Design, React, Node
Grad. Aug 2020 | Remote

SKILLS

PROGRAMMING

Over 10000 lines:
• Javascript • Python • Typescript • React • NextJS • Node

Over 1000 lines:
C • C++ • CSS• Java

Familiar:
• Postgresql • MongoDB

LINKS

Facebook:// **Sonu Tiwari**
Github:// **sonutiwari**
LinkedIn:// **Sonu Tiwari**
YouTube:// **Sonu Tiwari**
Twitter:// **@sonu_tj**
Quora:// **Sonu Tiwari**

COURSEWORK

GRADUATE
Data Structures
Algorithms
High-level Design
Low-Level Design
Computer Networks
Operating Systems
Databases(SQL, NoSQL
NodeJS, MongoDB, Express

UNDERGRADUATE
Programming fundamentals
Operating Systems
JS/Web programming
(Research Asst. & Teaching Asst 2x)
DS Algo, Rated 4.74 / 5.0 by over 600 students

EXPERIENCE

SWIGGY | Senior Full Stack Developer
Dec 2021 – Current | Remote, IN
- Owning the restaurant collections features dashboard.
- Optimised the preexisting code for performance and lighthouse scores, improved by 30 points to 75 from 45 earlier.
- Developed role-based authorizations on the dashboard to stop misconfigurations.
- the banners you see on Swiggy's main applications is my work :)
- The work can be seen HERE

DREAMSPORTS -- DREAM11 | SDE 1 (Full Stack)
FEB 2021 – Nov 2021 | Mumbai, IN

- Made UI load time 33% better by applying lighthouse optimization.
- refactored the UI code to reduce the component rendering, achieved 25% less component renders.
- Owning features of the application.
- Implementing the UI (REACT and REACT NATIVE)
- Working closely with Backend engineer for designing APIs for eventual shift in Backend.
- The work can be seen at Playstore, App Store and HERE

DELOITTE | Full Stack Engineer
May 2019 - Nov 2020 | Hyderabad, IN

- Developed Microservices and Node Endpoints (APIs) to consumed by React and Angular Front end and UFT team.
- Learned and Moved to Deloitte Digital and Developed Backend APIs and React front end which will save the organization $10M annually
- Integrated Stripe payment system into application to accept payments
- Lead the development team and right from nurturing them into Typescript/Node/React environment to make them production ready.

PROJECTS

SWARAJ E-COMMERCE APP | Fashion E-store | Project Link
Technology: React, Firebase, REST, Redux, stripe payment
An online Clothing E-store created in React and Node. The test part of the application is live at project link. Github codebase for the same is live at Here

RESEARCH

UIET TRAFFIC CONGESTION CONTROL | Research Helper
Aug 2015 – May 2016 | Chandigarh, IN
Worked for UIET lab to get sample data from Chandigarh traffic and process that data using Python and Matlab to create a tool which learns from large-scale traffic Data and How Barometer sensors react to different density of traffic on different times.

AWARDS

Year	Rank	Award
2018	300 / 300000	Android Scholarship from Google
2019	3/900	Infosys Coding challenge