Subham Saha

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https://subhamsahadeep.github.io/portfolio

EDUCATION

- **National Institute of Technology Agartala** — India
  Bachelors of Technology (B.Tech degree) in Computer Science and Engineering; CGPA: 8.38/10 — *Jul. 2015 – May 2019*

- **Central Board of Secondary Education**
  All India Senior School Certificate Examination, Percentage: 93% — *2015*

WORK EXPERIENCE

- **MediBuddy** — Bengaluru, India
  Software Development Engineer (SDE) 2 — *30th July 2020 - Present*
  - Improving Medibuddy's Core Vitals [LCP , TBT] (Accessibility Score 65 to 80 and SEO Score 75 to 92)
  - Migration of React Class Components to Functional Components and also to Next JS (SSR) and also revamping of complete UI for online-consultations app and other internal tools.
  - Implemented Automated Dialer - removing manual calling dependency [using Node. js, Redis and Sqs].The Automated Dialer system is now currently handling more than 2400 cases per day.
  - End to end development of Phlebo APP (Front-End) which is used by all the Phlebotomists. It has features like login, order dashboard, camera features, bar-code scanner, etc. [React Js] - Receiving 2000+ orders daily
  - End to end development of Provider/Insurer Portal (Front-End) for all the providers and insurers to track each and every case detail and to handle daily tasks. Features: Different dashboards based on user roles, dynamic Routing, etc. [React JS]
  - Mentored a team of developers who were working on Front-End Offline Consults [Next JS]
  - Developed an internal Pdf tool that includes Splitting, Swapping, Rearranging, and Merging any kind of Pdfs. - Handling 1000 + cases daily.
  - Real-time syncing of all the data for different insurers - Internal tool developed for Analytics [NodeJS, REDIS and SQS]. - Handling 70,000 requests daily

- **BuildSupply** — Gurugram, India
  Analyst - Software Engineer — *9th June 2019 - 26th June 2020*
  - Developed the Material Manager which is a construction-focused inventory management solution. It helps customers manage all their project procurement in one place and get real-time tracking of their material inventory across multiple projects. [Angular]
  - Developed Internal OPS Dashboard using Angular using which they can clearly see the whole journey of a case.

- **Summer Intern - IIT Kharagpur** — Kharagpur, India
  Essential Drug Information System — *8th May 2018 - 22nd June 2018*
  - Developed a doctor dashboard that includes a search engine for searching any medicines and with an added feature to prescribe those to the patients. The doctor can even add new medicines (if no searched medicines are found) and can prescribe those to the patients. [HTML, CSS and JSP]

PUBLICATION

- **Designing a Mobile-based Non-Verbal Classroom Interaction System**:
  (International Journal of Computational Intelligence IoT, Vol. 2, No. 3, 2018 - https://ssrn.com/abstract=3361038)

- **BYOD Supported Multimodal Classroom Interaction**:
  (Procedia Computer Science Volume 167, 2020 - https://doi.org/10.1016/j.procs.2020.03.364Get)

SKILLS AND EXPERTISE

HTML	Tailwind CSS	TypeScript	Next Js
CSS	Bootstrap	Angular	Node JS
SCSS	Javascript	React JS	AWS

PROJECTS AND RECOGNITIONS

- 1st Runners Up - Feature Factory Hackathon — Medibuddy
- Achievers Award of the Quater and Star of the Month (3 times) — Medibuddy
- Second Runners Up for Labs UI Hackathon.
- Problem-Solving Certificate by HackerRank (https://www.hackerrank.com/certificates/2cf22acfe952).
- Authentication and authorization Using JWT Token (https://github.com/Subhamsahadeep/nodePg).
- Spotify Clone using 3rd party APIs (https://github.com/Subhamsahadeep/spotify)