M Santosh Dora

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY (NIT)
BTech in Computer Science and Engineering
Jun 2017 | Durgapur, India

Cum. GPA: 8.18

KENDRIYA VIDYALAYA
Higher Secondary
Grad. May 2013| Chittaranjan, India
Grade: 94.2 %

LINKS

LinkedIn:
www.linkedin.com/in/m-santosh-dora/
Github: github.com/msantoshdora
StackOverflow: stackoverflow.com/users/4713895/hithard

COURSEWORK

UNDERGRADUATE
Operating Systems
Artificial Intelligence
Data Structure and Algorithms
Computer Networking
Database Management
Computer Architecture

SKILLS

LANGUAGES AND TOOLS
Proficient
Elixir • Ruby • Go • Javascript
ReactJS • React • Postgres • Rails •
Phoenix • Relational Database • MySQL •
Distributed Systems • webRTC • Video
Technologies • RabbitMQ • Elasticsearch
• Redis • WebSockets • Object Oriented
Programming Design • Functional
Programming Design • Low Level Design
• High Level Design • C/C++ • SQL •
Docker • GCP • AWS • Cloud Storage •
Cloud • Docker • Kubernetes • Real-time
application
Familiar
HTML • CSS • Java • TypeScript • Shell •
AngularJS • JQuery

EXPERIENCE

IDFY | Senior Software Engineer (Backend Heavy)
Aug 2022 - Present | Mumbai, India
- Optimized the **in-house Video Solutions (WebRTC) product** for vKYC (FinTech) at lower network bandwidth to **handle 50 thousand daily video calls** seamlessly.
- **Improved 10 % verification rate of video call performance** by incorporating different features related to Network efficiency and WebSocket Reconnects during the call.
- Redesigned the Health Check feature to check network condition of the user and **reduced technical UTVs (Unable to Verify) by 2-3 %**.
- Analyzed data with logs, added more instrumentation to debug production bug and fixed the problem which helped in **reducing UTV by 4 %**.
- Led a team of 3 members by assigning tasks, doing code reviews, etc.

CHRONUS SOFTWARE INDIA PVT LTD | Software Development Engineer (Full-Stack Developer)
June 2019 – July 2022 | Hyderabad, India

- Designed and developed Virtual meet support with 3rd party platform like Google Meet, Teams, Twilio which helped gain **30 % higher engagement** with the platform.
- Designed and Implemented "**Diversity Matching algorithm**" in bulk matching, it helped in retention of a client and later the feature was marketed to other clients to gain 10 % more sales.

SAMSUNG RESEARCH INSTITUTE | Software Engineer (Android)
Feb 2018 – Jun 2019 | Noida, India
- Part of **Samsung Keyboard(Android) Team** - Developed new layouts for Indian users which **helped 0.3 % reduction in typing errors**.
- Worked on building Chat Over Video Feature, which got released to million Samsung device users.

BELZABAR SOFTWARE DESIGN INDIA PVT LTD | Computer Scientist, Intern
May 2016 – Aug 2016 | New Delhi, India
- Implemented an application using Machine Learning tools to organize emails depending on the context.
- Developed Additional Support to add new topics for organization, with a feature named as "Delayed organization".

RESEARCH

NATIONAL INSTITUTE OF TECHNOLOGY (NIT) DURGAPUR | Developed Scheduling approach for the paper
Sep 2016 – Mar 2017 | Durgapur, India
Developed the algorithm for "Normalized Uplink Bandwidth Scheduling Algorithm for WiMAX Networks"

ACHIEVEMENTS

2013   **Top 1 %** All INDIA Kendriya Vidyalayas in Higher Secondary
2011   **Gold Medalist in Mathematics** at ALL INDIA TEACHERS ASSOCIATION