Revanth Revoori

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EDUCATION

- **Indian Institute of Technology Kharagpur** — Kharagpur, India
  Bachelor of Engineering in Computer Science — *July. 2009 – May. 2013*

EXPERIENCE

- **Microsoft** — Seattle, WA
  Software Engineer II — *Jun 2019 - Present*
  - **SubHub**: **Leading a team** that handles lifecycle management of Azure subscriptions that are used by all of Microsoft products.
  - **Secure Edits**: **Lead a four person team** to enable policy driven guarded edits in the system **reducing error rate by 20% in the system**. The engine is being expanded to support all critical workflows in the system.
  - **JEDI**: As part of **$10B** US government project, owned and developed automatic data migration across deployments with **99.9999% SLA** and resilient to dependency system failures.
  - **Frontend Rewrite**: Designed and built frontend component library using React & MobX creating extensible, reusable components with built-in telemetry which is used for revamping the frontend.
  - **Validation Engine**: Developed a plug and play validation framework that will enable to extend the data validations of the metadata in the system.
  - **Productivity Optimizations**: Developed a test automation and API catalog using Postman **boosting productivity by 40%**.
    developed configurable metric framework and improved logging using structured logging & application insights cutting **incident mitigation time by 100%**.

- **Epic Systems** — Madison, WI
  Software Engineer, Project Lead — *Oct 2016 - Jun 2019*
  - **Belgium Integration**: **Tech lead responsible for Belgium Integration**, directly coordinating with cross functional teams including the CFO and the Finance team.
  - **Smart Favorites**: Developed and rolled out an Active learning model for procedure recommendations for doctors. This learning model works on the recent patient history, season of the year, doctor's specialization to recommend suitable codes for patient diagnosis to save time.
  - **Charge Transport**: Developed a pipeline to enable cross deployment transfer of transactions **automating manual edits of 70K transactions a day** in Kaiser Permanente.
  - **Social Care Financial**: **Represented team in $500M project** to deploy Epic in Finland. Designed a web service to send out charges to third party billing systems serving 15% of Finland charges.

- **Livastar** — Hyderabad, India
  Senior Software Engineer — *May 2015 - August 2016*
  - **Mobile Application**: **Lead mobile release of product** including features such as recommendations, delivery time, order tracking, product availability notifications.
  - **Delivery Network Plugin**: Developed a plug-and-play integration to automate adding new delivery network. Created service to improve network matching for shipping cost optimization, auto tracking, credit reconciliation **decreasing the COF by 30%**
  - **Product Improvements**: Built modules for revenue overview, delivery optimization, Improved product recommendations, Mini-CRM and batch campaigns. The helped us **increase the revenue by 200%**
  - **Backend Improvements**: Replaced the compiler using Facebook Hack and reverse proxy systems **achieving <500ms page load times** across the product.

- **Digital Quotient** — Gurgaon, India
  Data Scientist — *May 2014 - Apr 2015*
  - **Uninstall Source**: **Developed patented mobile analytics product** for tracking uninstall source for an app using Lambda architecture, Hadoop 2.0, NodeJS, Thrift, Kafka, Java.
  - **Pipeline Optimization**: **Improved the Map Reduce jobs by 400%** by removing redundant computations in JCascalog queries.

PROGRAMMING SKILLS

- **Technologies**: Python, C#, React, Java, C++, Flutter, Big Data