

Aug 2021 -

- Worked on expansion of Coinbase in international marketplaces. Developed the payout flow in one such country launch.
- Integrated with a new payment bank in an existing marketplace to provide more options for customers depositing/withdrawing fiat from the exchange.
- Technologies Used: Ruby, Golang, Rails.

- Designed and developed the improvements at Amazon Product detail pages to make it easier for customers to discover and use our Payment Method. This resulted in additional GMS of €88M annually.
- Delivered improvements in the checkout flow with our payment method. This made easier for customers to see additional details when checking out from Amazon. It brought down latency in a critical flow and increased purchases done by 3% when compared in A/B testing.
- Worked on the migration of Payment Methods out of the legacy system to a new Plugin architecture-based system. These Payment Methods are directly visible to the customer on the Payments Page in Amazon Retail site. This resulted in reduction of P50 latency by 75% and P90 latency by 50%.
- Technologies Used: Java, Spring, Guice, CI/CD deployment Pipeline, Rest API, RPC.

- Implemented EMTC feature, and supported development in Samsung HQ, Korea.
  - Worked on maintenance and block testing of Samsung LTE eNodeB MAC layer for small cells.
  - Technologies involved: LTE, C/C++, TM500, Linux, Embedded Systems
- Multimedia and Systems (Intern)
- Developed a cloud application for 3D Modeling as a service in Java using Spring boot and deployed on AWS.
  - Using this service user can create 3D Models by uploading the images captured of the object. This 3D Model could be rendered using the Samsung Gear VR.

- B.E.(Hons.) in Computer Science and M.Sc. (Hons.) In Economics. GPA: 8.33/10.0
- CS Coursework: Operating Systems; Data Structures and Algorithms; Compilers; Databases; Computer Networks.
- Electives: Information Retrieval; Network Programming; Cryptography.

- **Compiler Development** (2016). I developed a compiler for given language specifications using C programming language. It consisted of all the front-end parts, i.e., lexer and parser, as well as backend parts, i.e., AST, symbol table, type checker, and machine code generator.
- **Focused Crawler Search Engine** (2015). Crawled about 700000 Wikipedia articles using Apache Nutch, indexed using Apache Solr, and ranked search results using information retrieval algorithms.

- C; C++; Java; Python
- Visual Studio; IntelliJ; Eclipse; Android Studio