

# RUPSHA BAGCHI

## Full Stack Web Dev

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📍 Espoo, Finland



## EXPERIENCE

### Web Developer

#### Servoped

📅 April 2017 – Ongoing

📍 Vantaa, Finland

- Web application development. Working with the website and dashboard.
- Tech stack: Javascript, JQuery, Gulp, SASS, Node, React, Express, Mocha

### Thesis Researcher

#### Ericsson

📅 June 2016 – Mar 2017

📍 Kirkkonummi, Finland

- Research project on Internet of Things (IoT) and blockchains.
- Implemented a prototype that facilitates IoT device management using Ethereum.
- Tech stack: Solidity on Ethereum, React, Mocha, Node, Docker

### Student Consultant

#### 358

📅 Oct 2015 – May 2016

📍 Helsinki, Finland

- Was part of a team which utilised service design techniques, and developed a PoC to measure and manage brand perception for clients.
- Tech stack: Javascript/Jquery, SASS, gulp

### Lead Developer

#### Feed of Me

📅 Nov 2015 – Mar 2016

📍 Helsinki, Finland

- Responsible for leading a team of software developers, reviewing their code, user experience of the product (UX), designing the system architecture, testing the project and setting the technical direction of the team.
- Tech stack: Java for Android, Photoshop

### Software Engineer

#### Cisco Systems

📅 July 2012 – Aug 2014

📍 Bangalore, India

- Responsible for full stack web development and technical customer support in the Product Development Services department.
- Tech stack: Java, Javascript, Jquery/Dojo, SVN, Spring hibernate, Selenium

## MOST PROUD OF



#### Achievement

Implemented a prototype of IoT systems interacting through blockchains.

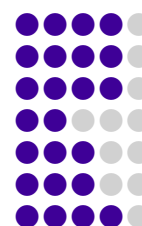


#### Hackathon

Have participated in over 6 hackathons so far.

## SKILLS

Javascript(React, Node)  
JQuery  
HTML5, CSS3, Bootstrap  
C  
Python(Django, Flask)  
Java  
UX



## EDUCATION

### M.S. in Computer Science

#### University of Helsinki

📅 Sept 2014 – Present

### M.S. Minors in International Design

#### & Business Management

#### Aalto University

📅 2015 – 2016

### B.Tech. in Computer Science & Engineering

#### Manipal University

📅 2008 – 2012

## PUBLICATIONS



### Thesis & Articles

- Bagchi, Rupsha. "Using Blockchain Technology and Smart Contracts for Access Management in IoT devices". In: *E-Thesis, University of Helsinki*.
- Bagchi, Rupsha and Prateek Jain. "SMART: A Secure Multipath Anonymous Routing Technique". In: *Interscience Open Access Journals*.