

# Shahana Kabir

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## Highlights

- Completed full-stack web development bootcamps with BrainStation and Lighthouse.
- Learned excellent customer-first mindset from two years of work experience as a technical sales engineer.
- Learned effective teamwork as an engineer working on a large mobile phone company.
- As an engineering graduate, learned to research and solve hard technical problems.

## Education

- Diploma in Web Development, BrainStation, April 2021
- M.Sc. in Electrical Engineering, University of Calgary, 2012
- B.Sc. in Electrical and Electronics Engineering, Bangladesh University of Engineering and Technology (BUET), 2007.

## Web Development Skills

- Frontend: React, JavaScript, HTML, CSS, SASS, Bootstrap, TypeScript, React Hook/Redux, DOM manipulation.
- Backend: NodeJS, Express, JSON, RESTful APIs, POSTMAN, AJAX, Ruby On Rails.
- Web APIs authentications: Auth0, Passport.
- Database: MySQL, MongoDB, PostgreSQL AWS cloud 9, Goorm.
- Testing: Unit tests, Jest, Mocha.
- Others: Git, GitHub, JIRA, Figma, Scrum, LaTeX.

## Experience

### Freelance Web Developer (Sep, 2020 - Current)

- Built several web applications to learn and practice web development skills. e.g [classified listings](#), [childcare provider search](#), [inventory management](#)

- Developed frontend and backend features for these apps using ReactJS, NodeJS, Express, HTML, BootStrap, SCSS, etc.
- Worked in collaborative projects with five other developers using Scrum and Jira.
- Communicated with clients to understand, develop, and build features based on their requirements.

## **September, 2014 - September 2020**

- Willingly put a short pause to my career for my two small kids, but always continued my self study for programming.

## **Technical Sales Engineer, Allstream, Canada (Sep, 2012 - Sep, 2014)**

- Prepared business cases and financial analysis profiles for voice and data network products based on customer needs.
- Resolved customer support escalations for technical issues.
- Managed unified communications vendor relationship with Cisco.

## **Research Assistant, University of Calgary (Jan, 2010 - Apr, 2012)**

- Researched in the area of nano-technology.
- Designed, developed and tested a 130nm high frequency microchip.
- Published the research outcome in a renowned [journal](#).

## **System Engineer, Grameenphone Ltd. (Jun, 2007 - Aug, 2009)**

- Designed cellular network for voice and data traffic in a team of 12 to handle 10M mobile phone subscribers.
- Worked with partner teams to design redundancy and resilience for dealing with outage and traffic surge.
- Provided technical support and guidance for cellular network rollout and scaling.

## **Professional Trainings**

- Manifesto of Software Craftsmanship - LightHouse Labs, Calgary, 2020.
- Question based selling techniques for clients, Allstream, Toronto, 2012
- Cisco Sales Expert, CCENT
- Sales Engineer Bootcamp Training – Unified Communications sales techniques, Allstream, Toronto, 2012.

