BAVANA SACHIDANAND

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Software Developer with an eye for detail with experience in full stack web development. At Northcoders, I have had the opportunity to revive my knowledge gained during my Bachelor's Degree in Computer Science Engineering and apply it in different projects. The experience of working with many individuals from diverse backgrounds for pair-programming has refined my abilities as a team player through improved communication skills. Living in different parts of the world has given me an appreciation of cultural diversity.

SKILLS

Languages: *Javascript | JAVA*

Working knowledge: C# | C++ | C

Front End: *HTML | CSS | Javascript | React | UX*

Back End: *Node.js | Express |*

Database Management: *PostgreSQL*

Hosting: *Heroku*

Testing: *Jest, Supertests*

Other: *Model-View-Controller| Pair programming | Test-driven development | GitHub*

Coding Bootcamp at NorthCoders
Manchester UK: March 2021- June 2021

- **Pokemon Battler**, *https://github.com/bavsac/pokemon-battles.git*
  Pokemon Battler is a gaming program. The program uses ***Javascript classes*** to make pokemons. The base class was extended to create 3 further classes forming specific types of pokemons. We used '***inquirer***' to make this program interactive.

- **Samachara**,
    - *Backend: https://github.com/bavsac/samacharaBackend.git*
      Built this project to access a database using ***PostgreSQL*** and ***Javascript***. Tested the code using ***Jest*** and ***Supertests*** to write the tests and simulate server calls for different HTTP calls. Used NPM's nodemon to keep the server open while building the back end. Used *Cors* as middleware to enable requests from external sources.

    - Backend Hosting: *https://samachara.herokuapp.com/api*
      Hosted the backend project on Heroku using Heroku Postgres

    - FrontEnd: *https://github.com/bavsac/samachara*
      Built an app on **React** for frontend using **HTML** and styled it with **CSS** using **BEM**(*Block-Element-Modifier*). Using 'axios' to make the HTTP calls, also used Material-UI by Google to style the app.

    - Frontend Hosting: *https://samachara.netlify.app*
      Hosted the app using Netlify.

- Experience in Pair programming

Educational Background

- **An introduction to arts** Lasalle College of Arts, Singapore 2009-2010
- **Bachelor of Engineering (Computer Science Engineering),** Vishweshvaraya Technological University, Bangalore, India 2002-2006

Stone Aura,

Singapore Aug 2010–present, Founder and Sole Proprietor

- Designing and producing jewellery using different types of semi-precious stones and silver with different textures and colours gave me an opportunity to experiment with putting unusual combinations together and hence develop a unique eye for design.ß
- Setup online and offline marketing channels. Created a website for online sales. Participated in local trade shows for offline marketing.
- Managed procurement of raw materials and setting up an efficient supply chain. This required me to work with suppliers in different countries and negotiating pricing, volumes and other T&C
- Conducted a workshop for secondary students about setting up and running small scale enterprises.

June Rose Webb,

Singapore Aug 2012- Jan 2013, Special Needs Educational Coach

- Tutored 'A' level student in mathematics.

Ergo Spaces Ptv Ltd,

Bangalore, India 2007–2010 http://www.ergospaces.net

- Co-ordinated different internal departments and external IT vendors during Enterprise.
- Resource Planning software deployment.
- Negotiated purchases from Chinese and Singapore suppliers for the company.

Mudra Infotech Ptv Ltd,

Bangalore, Nov 2005–Sept 2006 India Intern http://mudrainfotech.in/

- Worked in a team of 5 interns to design, code and deploy an internal communication system in Java.

Volunteering

- *Regularly support the PTA at Hartford Primary School for the events they host.*
- *Volunteered at an old age home to help distribute food and essentials in Bangalore, India.*
- *Volunteered to teach young kids from less aided backgrounds at a small government school in Bangalore,India.*

Hobbies

- *Love being creative with my hands, this helped me expand my creativity and has always been a part of my life. Also gave me the confidence to try new things*
- *Painting and creating art for my family, friends and self. Worked on different mediums like charcoal on paper, water paints on paper, acrylic on canvas, acrylic on wood and really enjoy experimenting with other mediums*
- *Making Pottery, hand building asian teapots, cups, vases, dishes and other ornamental pieces*
- *Enjoy cooking different cuisines and like experimenting with baking and new flavour profiles.*