

# Bharat Banavalikar

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## Professional Summary

Innovative and enthusiastic software development professional and complex problem-solver with an analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

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## Key Skills

- **Front end development:** Angular, Javascript, Typescript, HTML and CSS.
  - **Back end development:** Java, Spring MVC and Hibernate
  - **Other languages:** Python, C++ and C
  - Restful web services.
  - Data Structures and Algorithms
  - Object Oriented Programming
  - Database Management System.
  - Agile workflow process.
  - Machine Learning and Data Mining.
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## Work History

**Full Stack Developer** | 08/2018 – Present

**Robert Bosch Engineering and Business Solutions** – Bengaluru, KA

**Integrated Tool Environment (ITE)**

- ITE is a web application used by design engineers to design steering system prototype, run calculations and generate various reports involved in the development of an automotive steering system.
- Developed several modules of ITE web application using Java, Spring MVC, Hibernate, Oracle DB, Angular and other libraries as needed.
- Applied version control software to track, test, and update pre-existing source code.
- Adjusted software parameters to boost performance and incorporate new features for meeting customer needs.
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Migrated the project which was using legacy technology to new technology and methods.

**Full Stack Developer** | 08/2018 – Present

**Robert Bosch Engineering and Business Solutions** – Bengaluru, KA

**ITE lite (RaDeVa)**

- RaDeVa is a microservice which provides basic features to the OEM manufacturers to run calculations and generate reports pertaining to the automotive steering system.
- Gathered and defined customer requirements to develop clear specifications for project plans.
- Used Java, Spring Boot, Angular, Hibernate, Identity Management and other libraries as needed.
- Used Git and Jira track and release platforms for version control and task tracking.
- Created Dockerfile and Docker Compose files to build a docker image of RaDeVa microservice.

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**Vault of Archetypes for Unified Systems Engineering (VAUSE)**

- ALM tool which establishes interoperable engineering systems and secure data sharing ecosystem through seamless data transformation.
- Developed POC using GraphQL and spring boot to communicate with Neo4j datasets.

**Capstone Project: Search Engine for Semantic Web** | 08/2017 –05/2018

**B.V.B College of Engineering and Technology** – Hubli, KA

- Developed a search engine for the semantic web which allows a bot/user-agent query the web with machine-readable metadata.
- Performed parsing, cleaning and mining of raw data from web pages.
- Indexed the meta-data contents and provided an agent-readable service.
- Scaled a mathematical model of significance.
- Ranked and presented the web pages for the semantic web.
- Contributed to the growth and development of the semantic web.
- Worked closely with teammates to analyze and choose parameters to rank the web pages.
- Published a research paper at ScienceDirect Procedia Computer Science.
- *Technology Stack*: Python, Jupyter Notebook, Python shell.

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## Education

**Bachelor of Engineering:** Information Science & Technology, 2018

**B. V. Bhoomaraddi College of Engineering & Technology (BVBCET)** - Hubli, KA

- Graduated with 8.52/10 CGPA.
- Recipient of VKSSF scholarship.
- Presented capstone project at ‘Open House’ Project and R&D Exhibition.

**Pre-University:** Science, 2014

**St. Joseph’s Composite PU College of Science and Commerce** - Kajubag, Karwar, KA

- Majored in Physics, Chemistry, Mathematics and Biology.
- Graduated second in class with 89% (PCMB).

**SSLC:** 2012

**Amrita Vidyalayam** - Sadashivgad, Karwar, KA

- Graduated with 8.8/10 CGPA.

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## Accomplishments

- Problem solving certificate from hacker rank.
- Completed “Essentials of AI” with Distinction, conducted by RBEI.
- Passed LinkedIn Java, Maven, JavaScript, OOP, Angular and Eclipse assessments.
- Awarded Bronze award by RBEI for organizing associate engagement activities and taking additional responsibilities

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## Additional Information

- Date of Birth: 08 Feb 1996
- Languages: English, Konkani and Hindi.
- Hobbies: Swimming, Trekking, Fishing and Karate.