PERSONAL INFORMATION

Shashank, Basavapatna Subramanya

 C 0.4, Peter-Hille-Weg 11, 33098 Paderborn (Germany)

 +4917688050140

 bsshashank91@gmail.com

 https://github.com/bsshashank

 www.linkedin.com/in/bsshashank

Gender Male | Date of birth 21 March 1991 | Nationality India

EDUCATION AND TRAINING

October 2015–Present — **Master in Computer Science**   Universität Paderborn, Paderborn (Germany)

Software Technology and Information Systems

Thesis — **Incremental Static Analysis in IDEal**   Fraunhofer IEM, Paderborn (Germany)

The aim of this thesis is to provide incremental build support for the IDEal framework. It aims to incrementally update the results of the analysis, after the target code has been modified, instead of performing a re-run of the analysis on the whole target code.

Tools & Technologies

Java, Eclipse, Soot, Heros, Boomerang, IDEal, GitHub

GitHub

https://github.com/johspaeth/ideal

Project — **VisuFlow**

VisuFlow is an eclipse plugin designed to provide support to static code analysis developers for developing static code analysis. It aims to provide visual support for debugging static analysis with Soot framework. It provides various features targeted at both novice and expert static code analysis developers. A technical paper has been published on this tool which was accepted at ICSE2018 (https://arxiv.org/abs/1801.04894)

Tools & Technologies

Java, Eclipse, GraphStream, Soot, GitHub, Jira, Agile software development

GitHub

https://github.com/VisuFlow/visuflow-plugin

June 2009–June 2013 — **Bachelor of Engineering Computer Science**   VTU, Belgaum (India)

WORK EXPERIENCE

June 2016–February 2018 — **Werkstudent**   Diebold Nixdorf, Paderborn (Germany)

- Developed an Electron shell framework for which various plugins can be developed and used for gathering, maintenance and sharing of all the related evidence pertaining to a particular case (such as theft of credit cards) and establishing a relationship between these collected evidence items.
- Worked on developing two plugins for this electron shell.

Tools & Technologies

Nodejs, Electron, React, Visual Studio Code

| November 2013–May 2015 | **Software Engineer** | Saxon Global Inc., Bangalore (India) |

- Carried out the responsibility of communicating with the client for gathering requirements and working towards delivering these requirements.
- Design, setup and maintenance of facts and dimension tables as a base for report generation.
- Designed various ETL processes.
- Worked on a framework for providing Business Intelligence solutions in Big Data space.
- Worked on setting up of Hadoop, Hive and its maintenance.
- Developed various applications to extract data from multiple sources.

Tools & Technologies

Hadoop,Phreeze, Hive, PHP, Java, Talend, MySQL, Tableau, R

PERSONAL SKILLS

Mother tongue   Kannada

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Deutsch	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

Programming Languages	Java, JavaScript, C#, C++, C, PHP, R
Operating Systems	Windows, Red Hat Enterprise Linux on AWS
Databases	Hadoop, MySQL, Hive, VoltDB
IDE and Tools	Eclipse, Visual Studio, Jira
Source Control	GitHub

Interests   Aviation, Photography, Foodie, Travelling

ADDITIONAL INFORMATION

Certifications   VoltDB Vanguard Certification