

# Beni Madhab Kayal

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## → Profile

Agile-minded developer with experience in building small to large scale web apps. I'm also an active contributor to open-source and coding hackathons.

## → Technical Skills

- **Languages:** Java, JavaScript, C++, C, Python
- **Frameworks & Libraries:** Spring Boot, Angular, SAPUI5, jQuery, Node Js, Django, Meteor
- **DevOps:** Unix/Linux, Git, CodePipes, Jenkins
- **Databases:** SAP Hana, MySQL, Mongo

## → Work Experience

### Developer Associate | SAP Labs, Bangalore, India

06/2016 – Present

SAP Labs Bangalore is a R&D location that develop and improve SAP core products. Working in Logistic Business Network team that connect all relevant business partners in the cloud. It's used by shippers and carriers around the world to collaborate for transportation process in the cloud.

- Developed microservices in Java and in Fiori (frontend applications) that resulted with better maintenance.
- Created OData and REST endpoints in Java (Spring boot) that led to light weight and fast interaction between server and client.
- Performed 80% unit and regression test coverage on the developed modules.
- Creating Tiles, Roles and Role Templates for the Fiori apps.
- Creating Pipelines for continuous integration and deployment of the applications in SAP Cloud Platform using Continuous Delivery Pipeline Service (CoDePipeS).

**Tech stack:** Java, Javascript, SAPUI5, OData, REST

### Fellowship | SAP Labs, Remote

08/2018 – 02/2019

Worked for the CoDePipeS team located in Germany. The project is about development of Continuous Delivery Pipeline Services for SAP Hana Cloud Platform applications. It involves implementation of their distributed CI and CD microservice via automation and supporting tools around Cloud Foundry, GIT, Java, Maven and similar infrastructure.

**Tech stack:** Java Spring Boot

**Graduate Intern | Sandisk**, Bangalore, India

05/2015– 07/2015

Worked for the Software Tools Team to develop a web application using Django Framework, Javascript and MS-SQL.

**Tech stack:** Django, Python , Javascript, MS-SQL

→ **Side Projects**

**Discussion Board**

12/2016

Developed a social networking web application where users can collaborate to make discussions and put forward their views on the discussion through comments. The app was developed using Meteor and Angular framework. Integrate with Facebook API for social sign-on.

**AI Javascript Game**

10/2016

Developed several web games using Phaser (open source HTML5 game framework). Used A\* search algorithm for the enemy to chase the player in the game.

**Food Cart**

10/2016

Developed a web application for a hackathon conducted by Accion Labs. The app demonstrated ordering of food snack items in a simple and easy manner. It was developed in pure vanilla Javascript.

→ **Education**

2012– 2016	<b>National Institute of Technology, Tiruchirappalli</b> Bachelor of Technology , Computer Science GPA: 7.0/10.0
2012	<b>S.D.A.V School, Chennai</b> StateBoard, Mathematics and Biology Percentage: 97.67
2010	<b>D.A.V School , Chennai</b> CBSE, Mathematics and Science GPA: 10.0/10.0

→ **Achievements and Awards**

- Participation in What the Hack, Hackathons and CSR Activities
- Awarded Certificate of Merit by CBSE for scoring A1 Grade in all subject, 2010.
- Won 3<sup>rd</sup> prize in Code Crack Competition, an online coding contest by EBay, 2014.