

Basavaraja V

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EXPERIENCE

Futorix Solutions Pvt. Ltd.

11-March-2019 – Present

Fullstack Developer

Bangalore, India

- Developed both web and mobile application for the employee operations such as On boarding, Personal Information, Performance Management, Attendance, Leave, Finance Information, **Payroll**, Separation, etc.

PROJECTS

Payroll

- Designed payroll for three clients across India and Maldives.
- It involves six cycles such as Initiate, Retro, Run, Hold, Confirmation, Generate Payslip Cycles respectively.
- **Initiate**: This cycle selects the eligible employees set from attendance and compensation for the current month.
- **Retro**: It is similar to initiate but it selects the eligible employees set from attendance and compensation for the previous months.
- **Run**: It computes the pay, deduction and taxable(PT, PF, Itax) items respectively.
- **Hold**: It put the selected employees in hold.
- **Confirmation**: This cycle confirm previous cycles after reconcile.
- **Generate Payslip**: It generates the payslip.

PERSONAL PROJECTS

Crack It

- A Trivia android app for General Knowledge MCQ using flutter. Available in the play store. (Crack It)

Recall App

- Recall App is a ML App to analysis the whatsapp chat history of two users using flutter and python and it generates the statistics. Available in the play store. (Recall App)

PUBLICATIONS

Journal

- Lokesh Nandanwar, Palaiahnakote Shivakumara, Swati Kanchan, **V Basavaraja**, Devanur S Guru, Umapada Pal, Tong Lu, Michael Blumenstein, "**DCT-phase statistics for forged IMEI numbers and air ticket detection**", Published in Expert Systems with Applications Volume 164, February 2021, 114014, Publisher Pergamon.

Conference

- **V Basavaraja**, Palaiahnakote Shivakumara, DS Guru, Umapada Pal, Tong Lu, Michael Blumenstein "**Age estimation using disconnectedness features in handwriting**", Published in International Conference on Document Analyses and Recognition (ICDAR 2019), Publisher IEEE.
- Palaiahnakote Shivakumara, **V Basavaraja**, Harsha S Gowda, DS Guru, Umapada Pal, Tong Lu "**A new RGB based fusion for forged IMEI number detection in mobile images**", published in 2018 16th International Conference on Frontiers in Handwriting Recognition (ICFHR) Publisher IEEE.

EDUCATION

University of Mysore

Aug. 2015 – July 2018

Master of Computer Applications

Mysore, Karnataka

* **Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning.

SKILLS

Stacks : Python, JavaScript (Nodejs, Angular, Ionic), Flutter, HTML/CSS, LaTeX, SQL (PostgreSQL).

Tools : VScode, Figma, Trello, Bitbucket, Jupyter Notebook, Google Colab, etc.

DevOps : AWS-EC2, S3 Bucket, SES, SNS, Lambda Functions, Rekognition, etc.