



## Senior Specialist Software & Firmware Engr

### Job description

Primary responsibility is to develop Java Card Applets for the payment domain. Shall be responsible for understanding the technical specifications of various payment applications (Ex: EMV, MCA, VSDC, DPass).

In your new role you will:

- Primary responsibility is to develop Java Card Applets for the payment domain.
- Shall be responsible for understanding the technical specifications of various payment applications (Ex: EMV, MCA, VSDC, DPass).
- Work closely with Product Owner & team to understand the functional, non-functional and performance requirements of the product
- Shall be responsible for design, development and unit test the developed code.
- Shall be responsible for failure analysis and bug fixing.
- Shall be responsible for developing re-usable libraries for productivity improvements
- Support the team during product certification phases

### Profile

You are best equipped for this task if you have:

- 3-5 years of experience in developing embedded products and systems with exposure to the entire SDLC
- Basic Knowledge in standards like 7816/14443/EMV/Global Platform/Java Card
- Basic knowledge on payment industry standards and specifications like, EMV, MCA, VSDC, DPAs, etc..
- Basic Knowledge of smartcard applications in payment domain
- Ability to understand and manage requirement
- Knowledge of secure micro controllers is an added advantage
- Ability to contribute to the standard technical specifications
- Excellent problem solving and debugging skills.
- Should have strong written and verbal communication skills
- Good expertise in Java Card
- Knowledge about Agile SCRUM development environment
- Usage of Asymmetric & Symmetric Cryptographic techniques as applied in Smart Cards (Algorithm level knowledge of Crypto not required) is desirable

### Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum,

### At a glance

Location: **Bangalore (India)**  
Job ID: **322649**  
Start date: **as soon as possible**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Mediclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

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Connected Secure Systems (CSS) delivers security for the connected world – The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

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